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MG1655-5	NC_000913.3	86669
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MG1655-6	NC_000913.3	86669
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MG1655 -7	NC_000913.3	883709
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MG1655-8	NC_000913.3	3734223
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T	G	225	DP=180;VDB=0.998123;SGB=-0.693147;MQ
T	A	225	DP=219;VDB=0.480815;SGB=-0.693147;MQ
G	A	225	DP=199;VDB=0.00558321;SGB=-0.693147;M
T	G	225	DP=33;VDB=0.92502;SGB=-0.692831;MQSB
T	C	225	DP=40;VDB=0.981657;SGB=-0.69311;MQSB
CAAA	CAA	209	INDEL;IDV=62;IMF=0.96875;DP=64;VDB=0.9
G	A	225	DP=53;VDB=0.00197497;SGB=-0.693145;M
T	G	225	DP=58;VDB=0.99805;SGB=-0.693146;MQSB
G	A	225	DP=57;VDB=0.0198326;SGB=-0.693145;MQ
C	G	225	DP=37;VDB=0.53326;SGB=-0.693054;MQSB
T	C	225	DP=37;VDB=0.0132806;SGB=-0.693021;MQ
CA	C	228	INDEL;IDV=62;IMF=0.984127;DP=63;VDB=0
C	CA	228	INDEL;IDV=44;IMF=0.977778;DP=45;VDB=0
G	A	225	DP=60;VDB=0.552224;SGB=-0.693147;MQS
C	T	225	DP=55;VDB=0.247829;SGB=-0.693147;MQS
C	T	225	DP=57;VDB=0.987734;SGB=-0.693144;MQS
A	T	225	DP=54;VDB=0.817093;SGB=-0.693147;MQS
A	G	225	DP=33;VDB=0.0862484;SGB=-0.693054;MQ
C	T	225	DP=45;VDB=0.919604;SGB=-0.693127;MQS
A	T	225	DP=50;VDB=0.932687;SGB=-0.693146;MQS
G	A	225	DP=46;VDB=0.998962;SGB=-0.693145;MQS
A	G	225	DP=32;VDB=0.237996;SGB=-0.692914;MQS
T	G	225	DP=23;VDB=0.901526;SGB=-0.691153;MQS
A	C	225	DP=34;VDB=0.68625;SGB=-0.692717;MQSB
G	A	225	DP=32;VDB=0.66713;SGB=-0.692914;MQSB
T	G	225	DP=23;VDB=0.921824;SGB=-0.69168;MQSB
G	A	225	DP=38;VDB=0.178985;SGB=-0.693097;MQS
T	G	225	DP=32;VDB=0.907668;SGB=-0.692831;MQS
A	C	225	DP=43;VDB=0.996396;SGB=-0.693141;MQS
A	C	225	DP=31;VDB=0.385999;SGB=-0.692562;MQS
A	C	225	DP=22;VDB=0.342268;SGB=-0.690438;MQS
T	G	225	DP=49;VDB=0.998539;SGB=-0.693144;MQS
T	G	225	DP=34;VDB=0.304324;SGB=-0.693021;MQS
A	C	225	DP=34;VDB=0.00259482;SGB=-0.692976;M
C	T	225	DP=32;VDB=0.500056;SGB=-0.693021;MQS
A	G	225	DP=26;VDB=0.351117;SGB=-0.692831;MQS
A	C	225	DP=38;VDB=0.0423027;SGB=-0.69312;MQS
A	C	225	DP=21;VDB=0.901215;SGB=-0.691153;MQS
A	C	225	DP=22;VDB=0.0582135;SGB=-0.690438;MQ
C	T	225	DP=38;VDB=0.374162;SGB=-0.69312;MQSB
A	C	225	DP=36;VDB=0.0391377;SGB=-0.693054;MQ
A	G	225	DP=62;VDB=0.0587332;SGB=-0.693146;MQ

A	C	225	DP=29;VDB=0.00311148;SGB=-0.692831;M
T	G	225	DP=30;VDB=0.680626;SGB=-0.693021;MQS
T	C	225	DP=38;VDB=0.30909;SGB=-0.693097;MQSB
G	A	225	DP=21;VDB=0.910973;SGB=-0.69168;MQSB
A	C	225	DP=26;VDB=0.143519;SGB=-0.692352;MQS
A	C	225	DP=20;VDB=0.444751;SGB=-0.69168;MQSB
A	C	225	DP=29;VDB=0.379577;SGB=-0.692562;MQS
A	G	225	DP=18;VDB=0.628702;SGB=-0.689466;MQS
T	G	228	DP=23;VDB=0.186543;SGB=-0.692352;RPB=
C	T	225	DP=41;VDB=0.686871;SGB=-0.693079;MQS
T	G	225	DP=27;VDB=0.317026;SGB=-0.691153;MQS
A	C	207	DP=27;VDB=0.572212;SGB=-0.692067;MQS
T	G	225	DP=37;VDB=0.5189;SGB=-0.693097;MQSB=
G	A	225	DP=33;VDB=0.403322;SGB=-0.693021;MQS
A	C	225	DP=20;VDB=0.448898;SGB=-0.686358;MQS
A	C	225	DP=19;VDB=0.264881;SGB=-0.686358;MQS
C	T	225	DP=43;VDB=0.0117003;SGB=-0.693144;MQ
A	C	225	DP=26;VDB=0.0355736;SGB=-0.692067;MQ
A	G	225	DP=27;VDB=0.686308;SGB=-0.692352;MQS
A	C	225	DP=29;VDB=0.191785;SGB=-0.692914;MQS
A	G	225	DP=38;VDB=0.999802;SGB=-0.693097;MQS
A	G	225	DP=27;VDB=0.866492;SGB=-0.692562;MQS
T	G	225	DP=47;VDB=0.76382;SGB=-0.693139;MQSB
A	C	225	DP=24;VDB=0.191961;SGB=-0.692352;MQS
A	G	225	DP=22;VDB=0.190985;SGB=-0.689466;MQS
C	T	225	DP=19;VDB=0.803469;SGB=-0.686358;MQS
T	G	225	DP=35;VDB=0.111511;SGB=-0.693079;MQS
T	G	225	DP=29;VDB=0.0338375;SGB=-0.692831;MQ
A	C	225	DP=20;VDB=0.777354;SGB=-0.689466;MQS
C	G	225	DP=20;VDB=0.650456;SGB=-0.691153;MQS
T	G	225	DP=40;VDB=0.2806;SGB=-0.693127;MQSB=
T	G	225	DP=31;VDB=0.242048;SGB=-0.692914;MQS
T	G	225	DP=31;VDB=0.991532;SGB=-0.692914;MQS
C	T	225	DP=17;VDB=0.867348;SGB=-0.686358;MQS
A	C	225	DP=31;VDB=0.286327;SGB=-0.693021;MQS
A	C	225	DP=44;VDB=0.0142826;SGB=-0.69312;MQS
T	G	225	DP=35;VDB=0.149887;SGB=-0.693079;MQS
T	C	225	DP=25;VDB=0.969461;SGB=-0.692562;MQS
A	C	225	DP=29;VDB=0.866433;SGB=-0.692831;MQS
A	G	225	DP=47;VDB=0.658165;SGB=-0.693127;MQS
C	T	225	DP=22;VDB=0.85243;SGB=-0.691153;MQSB
A	C	225	DP=36;VDB=0.0979242;SGB=-0.693097;MQ
A	G	225	DP=67;VDB=0.382879;SGB=-0.693147;MQS
T	G	225	DP=35;VDB=0.410787;SGB=-0.693097;MQS
C	T	218	DP=17;VDB=0.728489;SGB=-0.676189;MQS
A	C	225	DP=35;VDB=0.75748;SGB=-0.693054;MQSB
A	G	225	DP=29;VDB=0.474441;SGB=-0.692352;MQS

A	G	225	DP=29;VDB=0.0266306;SGB=-0.692352;MQ
G	A	225	DP=36;VDB=0.140725;SGB=-0.69311;MQSB
A	G	225	DP=35;VDB=0.239097;SGB=-0.693079;MQS
A	C	225	DP=33;VDB=0.506249;SGB=-0.692976;MQS
T	G	225	DP=24;VDB=0.5004;SGB=-0.690438;MQSB=
T	G	225	DP=35;VDB=0.920857;SGB=-0.693021;MQS
T	C	225	DP=25;VDB=0.00478342;SGB=-0.689466;M
A	C	225	DP=45;VDB=0.364132;SGB=-0.69312;MQSB
A	G	225	DP=28;VDB=0.311457;SGB=-0.692562;MQS
T	C	225	DP=37;VDB=0.488395;SGB=-0.693054;MQS
A	C	225	DP=27;VDB=0.0384164;SGB=-0.692717;MQ
A	C	225	DP=49;VDB=0.771934;SGB=-0.693144;MQS
G	A	225	DP=41;VDB=0.00995304;SGB=-0.693127;M
A	G	225	DP=22;VDB=0.286183;SGB=-0.69168;MQSB
A	C	225	DP=25;VDB=0.631022;SGB=-0.692352;MQS
A	C	225	DP=43;VDB=0.11117;SGB=-0.69311;MQSB=
C	T	225	DP=35;VDB=0.246902;SGB=-0.693021;MQS
T	G	225	DP=28;VDB=0.991009;SGB=-0.692831;MQS
C	T	225	DP=34;VDB=0.899434;SGB=-0.693054;MQS
C	T	225	DP=29;VDB=0.517061;SGB=-0.692976;MQS
T	C	225	DP=47;VDB=0.412927;SGB=-0.693139;MQS
T	G	225	DP=21;VDB=0.088612;SGB=-0.691153;MQS
C	T	225	DP=24;VDB=0.233936;SGB=-0.692562;MQS
A	G	225	DP=47;VDB=0.293595;SGB=-0.693139;MQS
T	G	225	DP=28;VDB=0.00781484;SGB=-0.692976;M
T	G	225	DP=22;VDB=0.999142;SGB=-0.691153;MQS
C	T	225	DP=64;VDB=0.887442;SGB=-0.693147;MQS
A	C	225	DP=25;VDB=0.308424;SGB=-0.69168;MQSB
T	G	225	DP=62;VDB=0.0484284;SGB=-0.693147;MQ
A	C	228	DP=26;VDB=0.612689;SGB=-0.691153;RPB=
A	C	225	DP=33;VDB=0.49323;SGB=-0.692831;MQSB
T	G	228	DP=31;VDB=0.101089;SGB=-0.692914;RPB=
A	C	225	DP=21;VDB=0.0359044;SGB=-0.691153;MQ
C	T	228	DP=34;VDB=0.302785;SGB=-0.693097;RPB=
A	G	225	DP=24;VDB=0.264209;SGB=-0.69168;MQSB
T	G	225	DP=18;VDB=0.174361;SGB=-0.683931;MQS
T	G	225	DP=29;VDB=0.167399;SGB=-0.692831;MQS
A	C	225	DP=24;VDB=0.0713745;SGB=-0.69168;MQS
T	G	225	DP=25;VDB=0.0832905;SGB=-0.692352;MQ
A	C	225	DP=19;VDB=0.962802;SGB=-0.688148;MQS
A	G	225	DP=37;VDB=0.620887;SGB=-0.693079;MQS
A	G	225	DP=37;VDB=0.0197181;SGB=-0.693021;MQ
C	T	225	DP=45;VDB=0.809872;SGB=-0.693136;MQS
T	G	225	DP=32;VDB=0.982573;SGB=-0.692914;MQS
T	G	225	DP=25;VDB=0.294685;SGB=-0.692352;MQS
A	G	225	DP=39;VDB=0.239598;SGB=-0.693079;MQS
T	G	225	DP=29;VDB=0.964463;SGB=-0.692831;MQS

T	G	225	DP=48;VDB=0.0289246;SGB=-0.693132;MQ
A	C	225	DP=20;VDB=0.897295;SGB=-0.692067;MQS
A	C	225	DP=21;VDB=0.249373;SGB=-0.691153;MQS
T	G	225	DP=38;VDB=0.936028;SGB=-0.693097;MQS
A	C	225	DP=79;VDB=0.992244;SGB=-0.693147;MQS
G	A	225	DP=43;VDB=0.275679;SGB=-0.693139;MQS
C	T	225	DP=58;VDB=0.80035;SGB=-0.693147;MQSB
T	G	209	DP=28;VDB=0.341118;SGB=-0.692831;MQS
T	G	225	DP=40;VDB=0.0983478;SGB=-0.693127;MQ
C	T	225	DP=34;VDB=0.603274;SGB=-0.693054;MQS
A	C	225	DP=25;VDB=0.379627;SGB=-0.692067;MQS
T	G	228	DP=20;VDB=0.439122;SGB=-0.686358;RPB=
T	G	225	DP=38;VDB=0.00980729;SGB=-0.693097;M
A	C	225	DP=35;VDB=0.0505452;SGB=-0.69311;MQS
A	C	225	DP=51;VDB=0.646321;SGB=-0.693146;MQS
A	C	225	DP=21;VDB=0.634609;SGB=-0.690438;MQS
T	G	225	DP=37;VDB=0.401005;SGB=-0.693079;MQS
C	T	225	DP=26;VDB=0.803679;SGB=-0.692352;MQS
A	C	225	DP=28;VDB=0.0684998;SGB=-0.692717;MQ
T	G	225	DP=24;VDB=0.916447;SGB=-0.691153;MQS
C	T	225	DP=32;VDB=0.074737;SGB=-0.692976;MQS
T	C	225	DP=34;VDB=0.956947;SGB=-0.693079;MQS
C	T	225	DP=33;VDB=0.55112;SGB=-0.693054;MQSB
T	G	225	DP=33;VDB=0.0252054;SGB=-0.693054;MQ
C	T	225	DP=19;VDB=0.398222;SGB=-0.688148;MQS
A	C	225	DP=23;VDB=0.324826;SGB=-0.692067;MQS
A	C	225	DP=32;VDB=0.360777;SGB=-0.692831;MQS
T	G	225	DP=26;VDB=0.48759;SGB=-0.692067;MQSB
A	C	225	DP=31;VDB=0.728391;SGB=-0.692914;MQS
A	G	225	DP=31;VDB=0.573559;SGB=-0.693021;MQS
A	C	225	DP=22;VDB=0.638374;SGB=-0.690438;MQS
C	T	225	DP=43;VDB=0.719774;SGB=-0.693136;MQS
T	G	225	DP=28;VDB=0.198619;SGB=-0.692562;MQS
T	G	228	DP=36;VDB=0.335951;SGB=-0.693021;RPB=
A	C	225	DP=22;VDB=0.44158;SGB=-0.69168;MQSB=
A	C	225	DP=37;VDB=0.0496825;SGB=-0.693079;MQ
C	T	225	DP=36;VDB=0.426788;SGB=-0.693079;MQS
A	C	225	DP=26;VDB=0.962583;SGB=-0.692352;MQS
T	C	225	DP=37;VDB=0.294216;SGB=-0.693139;MQS
T	G	225	DP=32;VDB=0.254608;SGB=-0.693021;MQS
T	C	225	DP=26;VDB=0.86794;SGB=-0.691153;MQSB
C	T	225	DP=55;VDB=0.0569484;SGB=-0.693146;MQ
T	G	225	DP=37;VDB=0.345754;SGB=-0.69312;MQSB
A	G	225	DP=35;VDB=0.975202;SGB=-0.692914;MQS
A	G	225	DP=30;VDB=0.854275;SGB=-0.693054;MQS
C	T	225	DP=23;VDB=0.658646;SGB=-0.69168;MQSB
T	G	225	DP=32;VDB=0.15789;SGB=-0.693054;MQSB



A	C	225	DP=29;VDB=0.43661;SGB=-0.692831;MQSB
A	C	225	DP=29;VDB=0.778695;SGB=-0.692976;MQS
C	T	225	DP=16;VDB=0.0563979;SGB=-0.683931;MQ
C	T	225	DP=21;VDB=0.883518;SGB=-0.690438;MQS
A	C	225	DP=28;VDB=0.657589;SGB=-0.692562;MQS
T	G	225	DP=19;VDB=0.627345;SGB=-0.688148;MQS
A	C	225	DP=44;VDB=0.0853442;SGB=-0.693132;MQ
T	G	225	DP=22;VDB=0.166738;SGB=-0.689466;MQS
T	G	225	DP=17;VDB=0.758724;SGB=-0.688148;MQS
A	C	225	DP=16;VDB=0.0864528;SGB=-0.680642;MQ
T	G	225	DP=39;VDB=0.507151;SGB=-0.69312;MQSB
A	C	225	DP=39;VDB=0.139463;SGB=-0.69311;MQSB
A	C	225	DP=35;VDB=0.0558855;SGB=-0.692831;MQ
T	G	225	DP=30;VDB=0.0810244;SGB=-0.692976;MQ
T	G	225	DP=30;VDB=0.943081;SGB=-0.692976;MQS
A	C	225	DP=26;VDB=0.0248246;SGB=-0.692562;MQ
CTT	CTTT	228	INDEL;IDV=34;IMF=1;DP=34;VDB=0.489774
A	C	225	DP=18;VDB=0.675015;SGB=-0.688148;MQS
T	G	225	DP=29;VDB=0.945515;SGB=-0.692914;MQS
T	G	225	DP=47;VDB=0.116528;SGB=-0.693136;MQS
T	C	225	DP=30;VDB=0.76479;SGB=-0.693021;MQSB
T	G	225	DP=24;VDB=0.0907671;SGB=-0.692562;MQ
T	G	225	DP=29;VDB=0.588438;SGB=-0.692976;MQS
A	C	225	DP=35;VDB=0.547016;SGB=-0.693079;MQS
A	C	225	DP=53;VDB=0.363624;SGB=-0.693145;MQS
A	C	225	DP=31;VDB=0.532686;SGB=-0.692831;MQS
T	G	225	DP=28;VDB=0.227703;SGB=-0.692914;MQS
A	C	225	DP=35;VDB=0.305629;SGB=-0.693021;MQS
G	A	225	DP=23;VDB=0.388401;SGB=-0.69168;MQSB
T	C	225	DP=36;VDB=0.266092;SGB=-0.693021;MQS
G	A	225	DP=30;VDB=0.53425;SGB=-0.692976;MQSB
T	G	225	DP=23;VDB=0.14562;SGB=-0.692352;MQSB
G	A	225	DP=44;VDB=0.981763;SGB=-0.69312;MQSB
A	C	225	DP=21;VDB=0.769754;SGB=-0.69168;MQSB
T	G	225	DP=25;VDB=0.3204;SGB=-0.689466;MQSB=
T	G	225	DP=23;VDB=0.792507;SGB=-0.692067;MQS
A	G	225	DP=31;VDB=0.338343;SGB=-0.693054;MQS
T	G	225	DP=26;VDB=0.477265;SGB=-0.69168;MQSB
T	G	225	DP=52;VDB=0.111038;SGB=-0.693127;MQS
G	A	225	DP=41;VDB=0.668071;SGB=-0.693132;MQS
T	G	225	DP=69;VDB=0.000111609;SGB=-0.693147;N
A	C	225	DP=34;VDB=0.950924;SGB=-0.692914;MQS
T	C	225	DP=35;VDB=0.471799;SGB=-0.693079;MQS
G	A	201	DP=15;VDB=0.0388839;SGB=-0.680642;MQ
A	C	225	DP=36;VDB=0.0964901;SGB=-0.692976;MQ
T	G	225	DP=38;VDB=0.717862;SGB=-0.69311;MQSB
T	C	225	DP=30;VDB=0.387452;SGB=-0.692717;MQS

T	G	225	DP=19;VDB=0.375586;SGB=-0.689466;MQS
A	C	225	DP=27;VDB=0.0156575;SGB=-0.692717;MQ
A	C	225	DP=41;VDB=0.0851315;SGB=-0.69312;MQS
T	C	216	DP=21;VDB=0.0477436;SGB=-0.688148;RPE
T	G	225	DP=51;VDB=0.974784;SGB=-0.693145;MQS
T	C	225	DP=41;VDB=0.999551;SGB=-0.692976;MQS
T	G	225	DP=32;VDB=0.239054;SGB=-0.692976;MQS
G	A	225	DP=51;VDB=0.0643826;SGB=-0.693145;MQ
C	T	225	DP=36;VDB=0.027894;SGB=-0.693079;MQS
T	G	225	DP=72;VDB=0.975389;SGB=-0.693147;MQS
T	C	225	DP=44;VDB=0.828896;SGB=-0.693136;MQS
T	C	225	DP=26;VDB=0.221108;SGB=-0.692717;MQS
A	C	225	DP=36;VDB=0.0939401;SGB=-0.692976;MQ
T	C	225	DP=46;VDB=0.959762;SGB=-0.693139;MQS
T	G	225	DP=20;VDB=0.568269;SGB=-0.688148;MQS
G	A	225	DP=28;VDB=0.0971785;SGB=-0.692976;MQ
T	G	225	DP=26;VDB=0.00107536;SGB=-0.69168;MQ
T	G	225	DP=47;VDB=0.659894;SGB=-0.693145;MQS
G	A	225	DP=36;VDB=0.0467715;SGB=-0.693079;MQ
A	G	225	DP=34;VDB=0.992733;SGB=-0.693054;MQS
C	T	225	DP=52;VDB=0.247997;SGB=-0.693143;MQS
T	C	225	DP=53;VDB=0.171104;SGB=-0.693146;MQS
C	T	225	DP=58;VDB=0.837638;SGB=-0.693147;MQS
G	A	225	DP=24;VDB=0.166509;SGB=-0.690438;MQS
T	G	225	DP=30;VDB=0.931041;SGB=-0.692717;MQS
T	G	225	DP=38;VDB=0.101792;SGB=-0.693097;MQS
A	C	225	DP=27;VDB=0.401104;SGB=-0.692562;MQS
G	A	225	DP=25;VDB=0.0018253;SGB=-0.692562;MQ
T	G	225	DP=30;VDB=0.381714;SGB=-0.692562;MQS
A	C	225	DP=28;VDB=0.537903;SGB=-0.692717;MQS
T	C	225	DP=55;VDB=0.295825;SGB=-0.693143;MQS
T	C	225	DP=21;VDB=0.0174443;SGB=-0.690438;MQ
T	G	225	DP=29;VDB=0.410769;SGB=-0.692831;MQS
G	A	225	DP=43;VDB=0.0257089;SGB=-0.693132;MQ
T	C	225	DP=25;VDB=0.69615;SGB=-0.692067;MQSB
A	C	225	DP=34;VDB=0.0189219;SGB=-0.693079;MQ
G	A	225	DP=35;VDB=0.925291;SGB=-0.693021;MQS
G	A	225	DP=49;VDB=0.304276;SGB=-0.693145;MQS
A	C	225	DP=30;VDB=0.626175;SGB=-0.692562;MQS
G	A	225	DP=24;VDB=0.899607;SGB=-0.69168;MQSB
T	C	225	DP=35;VDB=0.986986;SGB=-0.693097;MQS
A	C	225	DP=28;VDB=0.843918;SGB=-0.692831;MQS
T	C	225	DP=49;VDB=0.0112656;SGB=-0.693146;MQ
T	G	225	DP=62;VDB=0.728959;SGB=-0.693147;MQS
A	G	225	DP=40;VDB=0.978589;SGB=-0.693079;MQS
T	C	225	DP=42;VDB=0.69107;SGB=-0.693127;MQSB
G	A	225	DP=44;VDB=0.999979;SGB=-0.693145;MQS

T	C	225	DP=36;VDB=0.0121775;SGB=-0.69311;MQS
A	C	225	DP=39;VDB=0.174462;SGB=-0.693132;MQS
T	G	225	DP=38;VDB=0.729769;SGB=-0.69311;MQSB
A	C	225	DP=24;VDB=0.77701;SGB=-0.692562;MQSB
A	C	225	DP=20;VDB=0.947324;SGB=-0.689466;MQS
T	C	225	DP=23;VDB=0.544174;SGB=-0.691153;MQS
T	G	225	DP=36;VDB=0.162446;SGB=-0.693079;MQS
T	G	225	DP=62;VDB=0.00531546;SGB=-0.693147;M
T	G	225	DP=28;VDB=0.901292;SGB=-0.69168;MQSB
T	C	225	DP=26;VDB=0.377852;SGB=-0.692067;MQS
G	A	225	DP=34;VDB=0.508806;SGB=-0.69311;MQSB
C	T	225	DP=24;VDB=0.573433;SGB=-0.692067;MQS
A	C	225	DP=33;VDB=0.923497;SGB=-0.693054;MQS
A	C	225	DP=31;VDB=0.357541;SGB=-0.693054;MQS
G	A	225	DP=71;VDB=0.979088;SGB=-0.693147;MQS
A	G	225	DP=40;VDB=0.558826;SGB=-0.693141;MQS
T	G	225	DP=24;VDB=0.946759;SGB=-0.691153;MQS
A	C	225	DP=48;VDB=0.999962;SGB=-0.693145;MQS
A	C	225	DP=25;VDB=0.380423;SGB=-0.69168;MQSB
T	G	225	DP=30;VDB=0.0302536;SGB=-0.692914;MQ
T	G	225	DP=43;VDB=0.559056;SGB=-0.69312;MQSB
A	C	225	DP=35;VDB=0.99984;SGB=-0.692914;MQSB
T	G	225	DP=36;VDB=0.65012;SGB=-0.693021;MQSB
A	C	225	DP=46;VDB=0.0193538;SGB=-0.693141;MQ
C	T	225	DP=50;VDB=0.000467265;SGB=-0.693146;N
T	G	225	DP=20;VDB=0.782381;SGB=-0.691153;MQS
A	C	225	DP=24;VDB=0.836992;SGB=-0.69168;MQSB
T	G	225	DP=27;VDB=0.663035;SGB=-0.692352;MQS
A	C	225	DP=25;VDB=0.905227;SGB=-0.692562;MQS
A	C	225	DP=26;VDB=0.353192;SGB=-0.692562;MQS
T	C	225	DP=23;VDB=0.631731;SGB=-0.691153;MQS
A	C	225	DP=54;VDB=0.999422;SGB=-0.693147;MQS
T	G	225	DP=25;VDB=0.407081;SGB=-0.692562;MQS
A	C	228	DP=37;VDB=0.688549;SGB=-0.693127;RPB=
A	C	225	DP=42;VDB=0.268115;SGB=-0.693136;MQS
A	C	225	DP=40;VDB=0.552768;SGB=-0.693079;MQS
T	G	225	DP=33;VDB=0.65665;SGB=-0.693021;MQSB
C	T	225	DP=26;VDB=0.632157;SGB=-0.692067;MQS
C	T	225	DP=34;VDB=0.827002;SGB=-0.693054;MQS
A	C	225	DP=69;VDB=0.326781;SGB=-0.693147;MQS
A	C	225	DP=42;VDB=0.74169;SGB=-0.693132;MQSB
C	T	225	DP=53;VDB=0.99977;SGB=-0.693146;MQSB
A	C	225	DP=53;VDB=0.921061;SGB=-0.693147;MQS
T	C	225	DP=48;VDB=0.114952;SGB=-0.693143;MQS
T	G	225	DP=74;VDB=1.60041e-05;SGB=-0.693147;IV
T	G	225	DP=37;VDB=0.0583433;SGB=-0.693097;MQ
T	G	225	DP=46;VDB=0.182594;SGB=-0.693136;MQS

T	G	225	DP=38;VDB=0.0655108;SGB=-0.69311;MQS
A	C	225	DP=31;VDB=0.822463;SGB=-0.693021;MQS
T	G	225	DP=26;VDB=0.103022;SGB=-0.692562;MQS
A	C	225	DP=43;VDB=0.493012;SGB=-0.693127;MQS
T	G	225	DP=29;VDB=0.588438;SGB=-0.692976;MQS
T	G	225	DP=22;VDB=0.902217;SGB=-0.692067;MQS
T	G	225	DP=29;VDB=0.210153;SGB=-0.692562;MQS
A	C	225	DP=37;VDB=0.164699;SGB=-0.693127;MQS
C	T	225	DP=54;VDB=0.00837251;SGB=-0.693146;M
A	C	225	DP=51;VDB=0.000319772;SGB=-0.693145;M
T	G	225	DP=57;VDB=0.628887;SGB=-0.693146;MQS
T	G	225	DP=16;VDB=0.37956;SGB=-0.686358;MQSB
T	G	225	DP=29;VDB=0.999243;SGB=-0.692831;MQS
T	G	225	DP=39;VDB=0.314945;SGB=-0.69312;MQSB
A	C	225	DP=48;VDB=0.969388;SGB=-0.693143;MQS
A	C	225	DP=24;VDB=0.897488;SGB=-0.692352;MQS
T	G	225	DP=32;VDB=0.892252;SGB=-0.693021;MQS
A	C	225	DP=26;VDB=0.985668;SGB=-0.692717;MQS
T	G	225	DP=28;VDB=0.688164;SGB=-0.692914;MQS
A	C	225	DP=36;VDB=0.75306;SGB=-0.69311;MQSB=
T	G	225	DP=38;VDB=0.990062;SGB=-0.693132;MQS
T	G	225	DP=31;VDB=0.892249;SGB=-0.69311;MQSB
G	A	225	DP=34;VDB=0.919336;SGB=-0.693021;MQS
T	G	225	DP=28;VDB=0.938114;SGB=-0.692562;MQS
T	G	225	DP=22;VDB=0.430322;SGB=-0.690438;MQS
T	G	225	DP=28;VDB=0.535497;SGB=-0.692831;MQS
A	C	225	DP=39;VDB=0.375955;SGB=-0.693079;MQS
T	G	225	DP=30;VDB=0.217642;SGB=-0.693021;MQS
A	C	225	DP=61;VDB=0.298187;SGB=-0.693147;MQS
A	C	225	DP=28;VDB=0.867997;SGB=-0.692562;MQS
A	C	225	DP=31;VDB=0.894124;SGB=-0.692717;MQS
A	C	225	DP=29;VDB=0.640634;SGB=-0.692831;MQS
T	G	225	DP=20;VDB=0.712113;SGB=-0.686358;MQS
C	G	225	DP=37;VDB=0.860701;SGB=-0.693097;MQS
T	G	225	DP=47;VDB=0.432044;SGB=-0.693144;MQS
T	G	225	DP=21;VDB=0.416377;SGB=-0.691153;MQS
A	C	225	DP=22;VDB=0.820645;SGB=-0.692067;MQS
A	C	225	DP=22;VDB=0.971237;SGB=-0.69168;MQSB
T	G	225	DP=49;VDB=0.337011;SGB=-0.693143;MQS
A	C	225	DP=50;VDB=0.00132737;SGB=-0.693146;M
A	C	225	DP=47;VDB=0.0161306;SGB=-0.693139;MQ
T	G	225	DP=35;VDB=0.886806;SGB=-0.69312;MQSB
T	G	225	DP=40;VDB=0.397902;SGB=-0.69311;MQSB
T	G	228	DP=39;VDB=0.31792;SGB=-0.693079;RPB=1
A	C	225	DP=43;VDB=0.820613;SGB=-0.693132;MQS
A	C	225	DP=27;VDB=0.586203;SGB=-0.692067;MQS
A	C	225	DP=24;VDB=0.556976;SGB=-0.688148;MQS

T	G	225	DP=42;VDB=0.781348;SGB=-0.69312;MQSB
A	C	225	DP=65;VDB=0.730251;SGB=-0.693147;MQS
T	G	225	DP=23;VDB=0.0434116;SGB=-0.690438;MQ
A	C	225	DP=24;VDB=0.0831003;SGB=-0.692067;MQ
T	G	225	DP=39;VDB=0.970206;SGB=-0.693136;MQS
T	G	225	DP=26;VDB=0.551653;SGB=-0.692352;MQS
A	C	225	DP=22;VDB=0.994533;SGB=-0.691153;MQS
T	G	225	DP=36;VDB=0.00199446;SGB=-0.693021;M
T	G	225	DP=26;VDB=0.889441;SGB=-0.692562;MQS
A	C	225	DP=34;VDB=0.0912933;SGB=-0.69311;MQS
T	G	225	DP=29;VDB=0.440867;SGB=-0.692352;MQS
T	G	228	DP=37;VDB=0.214724;SGB=-0.693097;RPB=
A	C	225	DP=23;VDB=0.835803;SGB=-0.69168;MQSB
T	G	225	DP=25;VDB=0.119373;SGB=-0.69168;MQSB
T	G	225	DP=30;VDB=0.985435;SGB=-0.692914;MQS
T	G	225	DP=30;VDB=0.569558;SGB=-0.693054;MQS
T	G	225	DP=51;VDB=0.351874;SGB=-0.693139;MQS
A	C	225	DP=29;VDB=0.994923;SGB=-0.692914;MQS
A	C	225	DP=52;VDB=0.605103;SGB=-0.693145;MQS
A	C	225	DP=43;VDB=0.38421;SGB=-0.693139;MQSB
T	G	225	DP=35;VDB=0.352353;SGB=-0.692976;MQS
T	G	225	DP=34;VDB=0.91015;SGB=-0.693097;MQSB
A	C	228	DP=24;VDB=0.203164;SGB=-0.691153;RPB=
T	G	225	DP=19;VDB=0.0283263;SGB=-0.688148;MQ
A	C	225	DP=24;VDB=0.877211;SGB=-0.692352;MQS
T	G	225	DP=28;VDB=0.542623;SGB=-0.692976;MQS
A	C	225	DP=19;VDB=0.477904;SGB=-0.69168;MQSB
A	C	225	DP=36;VDB=0.411965;SGB=-0.693079;MQS
A	C	225	DP=33;VDB=0.632804;SGB=-0.693079;MQS
A	C	225	DP=30;VDB=0.280139;SGB=-0.692914;MQS
T	G	225	DP=26;VDB=0.95808;SGB=-0.692914;MQSB
T	G	225	DP=44;VDB=0.588632;SGB=-0.693145;MQS
T	G	225	DP=39;VDB=0.29285;SGB=-0.693132;MQSB
A	C	225	DP=26;VDB=0.280456;SGB=-0.692562;MQS
T	G	225	DP=32;VDB=0.36889;SGB=-0.692914;MQSB
T	G	225	DP=28;VDB=0.823077;SGB=-0.692067;MQS
A	C	225	DP=28;VDB=0.705002;SGB=-0.692976;MQS
A	C	225	DP=48;VDB=0.0272748;SGB=-0.693145;MQ
A	C	225	DP=44;VDB=0.0423667;SGB=-0.693127;MQ
T	G	225	DP=20;VDB=0.984025;SGB=-0.69168;MQSB
T	G	225	DP=71;VDB=0.670397;SGB=-0.693147;MQS
A	C	225	DP=28;VDB=0.000167188;SGB=-0.692562;M
T	G	225	DP=25;VDB=0.553251;SGB=-0.692831;MQS
T	G	225	DP=39;VDB=0.0508722;SGB=-0.69312;MQS
A	C	225	DP=28;VDB=0.164418;SGB=-0.692976;MQS
T	G	225	DP=50;VDB=0.849866;SGB=-0.693146;MQS
T	G	225	DP=29;VDB=0.969709;SGB=-0.692914;MQS

T	G	225	DP=29;VDB=0.603274;SGB=-0.693054;MQS
A	C	225	DP=22;VDB=0.840279;SGB=-0.692067;MQS
A	C	225	DP=67;VDB=0.157629;SGB=-0.693147;MQS
A	C	225	DP=45;VDB=0.612531;SGB=-0.693139;MQS
T	G	225	DP=41;VDB=0.944272;SGB=-0.693127;MQS
T	G	225	DP=56;VDB=0.344101;SGB=-0.693144;MQS
A	C	225	DP=20;VDB=0.927913;SGB=-0.686358;MQS
A	C	225	DP=22;VDB=0.0574602;SGB=-0.69168;MQS
T	G	225	DP=29;VDB=0.689042;SGB=-0.692067;MQS
C	G	225	DP=35;VDB=0.281912;SGB=-0.693054;MQS
T	G	225	DP=39;VDB=0.000415972;SGB=-0.693097;MQS
A	C	225	DP=35;VDB=0.284205;SGB=-0.69311;MQSB
T	G	225	DP=32;VDB=0.423255;SGB=-0.692717;MQS
A	C	225	DP=22;VDB=0.280412;SGB=-0.691153;MQS
A	C	225	DP=22;VDB=0.0658089;SGB=-0.690438;MQS
T	G	225	DP=24;VDB=0.768287;SGB=-0.69168;MQSB
T	G	225	DP=38;VDB=0.416691;SGB=-0.693127;MQS
A	C	225	DP=17;VDB=0.427042;SGB=-0.688148;MQS
A	C	225	DP=54;VDB=0.0681165;SGB=-0.693147;MQS
A	C	225	DP=62;VDB=0.367978;SGB=-0.693147;MQS
T	G	225	DP=50;VDB=0.0375018;SGB=-0.693145;MQS
A	C	225	DP=26;VDB=0.21422;SGB=-0.692562;MQSB
T	G	225	DP=41;VDB=0.686846;SGB=-0.693136;MQS
T	G	225	DP=41;VDB=0.0197426;SGB=-0.693097;MQS
T	G	225	DP=38;VDB=0.0109315;SGB=-0.69312;MQS
A	C	225	DP=21;VDB=0.244289;SGB=-0.691153;MQS
A	C	225	DP=20;VDB=0.559747;SGB=-0.691153;MQS
A	C	225	DP=37;VDB=0.00611168;SGB=-0.69311;MQS
T	G	225	DP=49;VDB=0.999826;SGB=-0.693141;MQS
T	G	225	DP=43;VDB=0.0500272;SGB=-0.693145;MQS
A	C	225	DP=39;VDB=0.153427;SGB=-0.693139;MQS
T	G	225	DP=54;VDB=0.21521;SGB=-0.693147;MQSB
T	G	225	DP=28;VDB=0.392992;SGB=-0.692831;MQS
A	C	225	DP=34;VDB=0.236091;SGB=-0.692562;MQS
A	C	225	DP=30;VDB=0.0779876;SGB=-0.692067;MQS
A	C	225	DP=39;VDB=0.899653;SGB=-0.693097;MQS
T	G	225	DP=39;VDB=0.587942;SGB=-0.693097;MQS
T	G	225	DP=40;VDB=0.636784;SGB=-0.69311;MQSB
T	G	225	DP=32;VDB=0.946821;SGB=-0.693021;MQS
A	C	225	DP=25;VDB=0.940291;SGB=-0.692914;MQS
A	C	225	DP=39;VDB=0.912901;SGB=-0.693127;MQS
A	C	225	DP=36;VDB=0.810594;SGB=-0.693079;MQS
T	G	225	DP=45;VDB=0.239554;SGB=-0.693143;MQS
A	C	225	DP=29;VDB=0.971947;SGB=-0.692914;MQS
A	C	225	DP=39;VDB=0.454787;SGB=-0.693097;MQS
T	G	225	DP=25;VDB=0.733685;SGB=-0.69168;MQSB
A	C	225	DP=26;VDB=0.657986;SGB=-0.692717;MQS

T	G	225	DP=30;VDB=0.991051;SGB=-0.692717;MQS
A	C	225	DP=32;VDB=0.596065;SGB=-0.693021;MQS
T	G	225	DP=63;VDB=0.669855;SGB=-0.693147;MQS
T	G	225	DP=41;VDB=0.989182;SGB=-0.69312;MQSB
A	C	225	DP=32;VDB=0.873802;SGB=-0.693021;MQS
A	C	225	DP=21;VDB=0.385941;SGB=-0.689466;MQS
G	C	225	DP=36;VDB=0.999101;SGB=-0.69312;MQSB
T	G	225	DP=37;VDB=0.107942;SGB=-0.692976;MQS
A	C	225	DP=46;VDB=0.849621;SGB=-0.693143;MQS
T	G	225	DP=49;VDB=0.0211358;SGB=-0.693145;MQ
T	G	225	DP=73;VDB=0.658836;SGB=-0.693147;MQS
A	C	225	DP=27;VDB=0.967743;SGB=-0.692831;MQS
A	C	225	DP=21;VDB=0.763361;SGB=-0.69168;MQSB
A	C	225	DP=23;VDB=0.581348;SGB=-0.692067;MQS
T	G	225	DP=22;VDB=0.823967;SGB=-0.691153;MQS
A	C	225	DP=25;VDB=0.685185;SGB=-0.692067;MQS
A	C	225	DP=35;VDB=0.571866;SGB=-0.692717;MQS
T	G	225	DP=44;VDB=0.970977;SGB=-0.693132;MQS
T	G	225	DP=26;VDB=0.911458;SGB=-0.692562;MQS
A	C	225	DP=54;VDB=0.539736;SGB=-0.693146;MQS
A	C	225	DP=43;VDB=0.343017;SGB=-0.693145;MQS
T	G	225	DP=33;VDB=0.493029;SGB=-0.693079;MQS
T	G	213	DP=27;VDB=0.385761;SGB=-0.692352;MQS
T	G	225	DP=55;VDB=0.903393;SGB=-0.693146;MQS
T	G	225	DP=23;VDB=0.815153;SGB=-0.69168;MQSB
T	G	225	DP=30;VDB=0.502163;SGB=-0.692831;MQS
A	C	225	DP=45;VDB=0.279118;SGB=-0.693143;MQS
A	C	225	DP=16;VDB=0.500538;SGB=-0.680642;MQS
A	C	225	DP=33;VDB=0.99538;SGB=-0.693054;MQSB
T	G	225	DP=24;VDB=0.857753;SGB=-0.692067;MQS
T	G	225	DP=30;VDB=0.00131286;SGB=-0.693054;M
A	C	225	DP=38;VDB=0.865193;SGB=-0.693139;MQS
A	C	225	DP=20;VDB=0.887017;SGB=-0.690438;MQS
A	C	225	DP=34;VDB=0.53451;SGB=-0.693097;MQSB
G	A	225	DP=63;VDB=0.104837;SGB=-0.693147;MQS
T	G	225	DP=22;VDB=0.0206685;SGB=-0.691153;MQ
T	G	225	DP=34;VDB=0.1185;SGB=-0.692831;MQSB=
A	C	225	DP=23;VDB=0.674519;SGB=-0.690438;MQS
T	G	225	DP=30;VDB=0.756298;SGB=-0.693079;MQS
A	C	225	DP=39;VDB=0.0442704;SGB=-0.693127;MQ
A	C	225	DP=23;VDB=0.48759;SGB=-0.692067;MQSB
T	G	225	DP=51;VDB=0.244443;SGB=-0.693145;MQS
T	G	225	DP=31;VDB=0.00224473;SGB=-0.692914;M
A	C	225	DP=39;VDB=0.194224;SGB=-0.69312;MQSB
T	G	225	DP=30;VDB=0.46484;SGB=-0.692914;MQSB
T	G	225	DP=24;VDB=0.186131;SGB=-0.692352;MQS
A	C	225	DP=30;VDB=0.414335;SGB=-0.692914;MQS

A	C	225	DP=38;VDB=0.933472;SGB=-0.69312;MQSB
T	G	225	DP=37;VDB=0.667287;SGB=-0.69311;MQSB
A	C	225	DP=32;VDB=0.172354;SGB=-0.693079;MQS
A	C	225	DP=68;VDB=4.99931e-05;SGB=-0.693147;IV
T	G	225	DP=32;VDB=0.0753552;SGB=-0.692562;MQ
A	C	225	DP=27;VDB=0.495035;SGB=-0.692067;MQS
A	C	225	DP=33;VDB=0.112288;SGB=-0.692976;MQS
T	G	225	DP=26;VDB=0.707756;SGB=-0.692717;MQS
T	G	225	DP=32;VDB=0.0242134;SGB=-0.692976;MQ
A	C	225	DP=46;VDB=0.235481;SGB=-0.693144;MQS
T	G	225	DP=42;VDB=0.845149;SGB=-0.693136;MQS
T	G	225	DP=42;VDB=0.632441;SGB=-0.693141;MQS
A	C	225	DP=33;VDB=0.842498;SGB=-0.692976;MQS
T	G	225	DP=34;VDB=0.00107673;SGB=-0.693054;M
A	C	225	DP=33;VDB=0.126324;SGB=-0.693097;MQS
A	C	225	DP=51;VDB=0.874986;SGB=-0.693147;MQS
A	C	225	DP=36;VDB=0.298938;SGB=-0.69312;MQSB
T	G	225	DP=45;VDB=0.115982;SGB=-0.693127;MQS
A	C	225	DP=36;VDB=0.450691;SGB=-0.692976;MQS
T	G	225	DP=63;VDB=0.110743;SGB=-0.693147;MQS
A	C	225	DP=28;VDB=0.310558;SGB=-0.692831;MQS
A	C	225	DP=33;VDB=0.61911;SGB=-0.693097;MQSB
A	C	225	DP=31;VDB=0.126279;SGB=-0.692976;MQS
T	G	225	DP=38;VDB=0.102254;SGB=-0.69312;MQSB
T	G	225	DP=65;VDB=0.00197989;SGB=-0.693147;M
A	C	225	DP=34;VDB=0.650062;SGB=-0.69311;MQSB
A	C	225	DP=47;VDB=0.504;SGB=-0.693132;MQSB=1
T	G	225	DP=49;VDB=0.0581915;SGB=-0.693141;MQ
A	C	209	DP=20;VDB=0.185215;SGB=-0.688148;MQS
T	G	225	DP=28;VDB=0.107942;SGB=-0.692976;MQS
T	G	225	DP=37;VDB=0.654846;SGB=-0.69311;MQSB
T	G	225	DP=65;VDB=0.0238089;SGB=-0.693147;MQ
T	G	225	DP=28;VDB=0.0680976;SGB=-0.692831;MQ
T	G	225	DP=49;VDB=0.469907;SGB=-0.693146;MQS
A	C	225	DP=45;VDB=0.999955;SGB=-0.693144;MQS
T	G	225	DP=32;VDB=0.643994;SGB=-0.693079;MQS
A	C	225	DP=35;VDB=0.0889258;SGB=-0.69311;MQS
T	G	225	DP=69;VDB=0.46855;SGB=-0.693147;MQSB
T	G	225	DP=66;VDB=0.514512;SGB=-0.693147;MQS
T	G	225	DP=28;VDB=0.00284158;SGB=-0.692914;M
A	C	225	DP=24;VDB=0.766625;SGB=-0.692717;MQS
A	C	225	DP=39;VDB=0.459287;SGB=-0.693079;MQS
T	G	228	DP=49;VDB=1;SGB=-0.693145;RPB=1;MQB=
A	C	225	DP=27;VDB=0.496425;SGB=-0.692914;MQS
T	G	225	DP=23;VDB=0.0355773;SGB=-0.692562;MQ
A	C	228	DP=49;VDB=0.195315;SGB=-0.693144;RPB=
T	G	225	DP=30;VDB=0.507755;SGB=-0.692717;MQS



T	G	225	DP=18;VDB=0.994663;SGB=-0.683931;MQS
T	G	225	DP=71;VDB=0.576934;SGB=-0.693147;MQS
T	G	225	DP=47;VDB=0.117352;SGB=-0.693145;MQS
T	G	225	DP=18;VDB=0.339259;SGB=-0.689466;MQS
T	G	225	DP=40;VDB=3.80374e-05;SGB=-0.693132;N
T	G	225	DP=46;VDB=0.0539575;SGB=-0.693141;MQ
A	C	225	DP=20;VDB=0.798884;SGB=-0.690438;MQS
A	C	225	DP=29;VDB=0.409685;SGB=-0.692914;MQS
A	C	225	DP=27;VDB=0.0159191;SGB=-0.692914;MQ
A	C	225	DP=39;VDB=0.74903;SGB=-0.693132;MQSB
A	C	225	DP=35;VDB=0.514992;SGB=-0.693097;MQS
A	C	225	DP=35;VDB=0.142361;SGB=-0.693021;MQS
T	G	225	DP=59;VDB=0.00349441;SGB=-0.693147;M
A	C	225	DP=51;VDB=0.455064;SGB=-0.693144;MQS
G	C	225	DP=42;VDB=0.715607;SGB=-0.693132;MQS
T	G	225	DP=35;VDB=0.822373;SGB=-0.692976;MQS
T	G	225	DP=32;VDB=0.112637;SGB=-0.692562;MQS
A	C	225	DP=22;VDB=0.435056;SGB=-0.690438;MQS
T	G	228	DP=62;VDB=0.999951;SGB=-0.693147;RPB=
A	C	225	DP=25;VDB=0.0102109;SGB=-0.69168;MQS
A	C	225	DP=18;VDB=0.856224;SGB=-0.683931;MQS
A	C	225	DP=37;VDB=0.779444;SGB=-0.693079;MQS
T	G	225	DP=32;VDB=0.127807;SGB=-0.693021;MQS
A	C	225	DP=28;VDB=0.928383;SGB=-0.692067;MQS
A	C	225	DP=29;VDB=0.0504616;SGB=-0.692562;MQ
A	C	225	DP=60;VDB=0.0943812;SGB=-0.693147;MQ
T	G	225	DP=36;VDB=0.574956;SGB=-0.693132;MQS
A	G	225	DP=39;VDB=0.0739906;SGB=-0.693132;MQ
T	G	225	DP=20;VDB=0.370685;SGB=-0.690438;MQS
A	C	225	DP=19;VDB=0.935213;SGB=-0.691153;MQS
A	C	225	DP=45;VDB=0.237496;SGB=-0.693145;MQS
A	C	225	DP=37;VDB=0.214605;SGB=-0.69311;MQSB
A	C	225	DP=34;VDB=0.0550211;SGB=-0.693054;MQ
T	G	225	DP=29;VDB=0.964315;SGB=-0.692717;MQS
T	G	225	DP=45;VDB=0.129391;SGB=-0.693139;MQS
T	G	225	DP=28;VDB=0.0781987;SGB=-0.692976;MQ
A	C	225	DP=47;VDB=0.0341916;SGB=-0.693146;MQ
A	C	225	DP=38;VDB=0.536796;SGB=-0.69312;MQSB
A	C	225	DP=36;VDB=0.923973;SGB=-0.692914;MQS
A	C	225	DP=45;VDB=0.122195;SGB=-0.693139;MQS
A	C	225	DP=24;VDB=0.00491987;SGB=-0.692831;M
A	C	225	DP=63;VDB=0.0847138;SGB=-0.693147;MQ
T	G	225	DP=23;VDB=0.158791;SGB=-0.692562;MQS
T	G	225	DP=37;VDB=0.618799;SGB=-0.693097;MQS
A	C	225	DP=30;VDB=0.76339;SGB=-0.692562;MQSB
T	G	225	DP=62;VDB=0.348761;SGB=-0.693147;MQS
T	G	225	DP=37;VDB=0.836162;SGB=-0.69312;MQSB

T	C	225	DP=28;VDB=0.0627649;SGB=-0.692717;MQ
T	G	225	DP=47;VDB=0.327518;SGB=-0.693145;MQS
T	G	225	DP=25;VDB=0.998132;SGB=-0.692067;MQS
T	G	225	DP=51;VDB=0.999753;SGB=-0.693147;MQS
T	G	225	DP=32;VDB=0.273493;SGB=-0.693054;MQS
T	G	225	DP=49;VDB=0.724347;SGB=-0.693143;MQS
T	G	225	DP=41;VDB=0.794339;SGB=-0.69312;MQSB
A	C	225	DP=53;VDB=0.849612;SGB=-0.693146;MQS
T	C	225	DP=22;VDB=0.115575;SGB=-0.69168;MQSB
A	C	225	DP=28;VDB=0.0647551;SGB=-0.692831;MQ
T	G	225	DP=37;VDB=0.0209465;SGB=-0.693097;MQ
A	C	225	DP=43;VDB=0.110711;SGB=-0.69311;MQSB
T	G	225	DP=76;VDB=0.00254577;SGB=-0.693147;M
A	C	225	DP=20;VDB=0.693264;SGB=-0.686358;MQS
A	C	225	DP=32;VDB=0.11904;SGB=-0.693054;MQSB
A	C	225	DP=31;VDB=0.978787;SGB=-0.692352;MQS
A	C	225	DP=34;VDB=0.886404;SGB=-0.692976;MQS
A	C	225	DP=34;VDB=0.33829;SGB=-0.692976;MQSB
T	G	225	DP=29;VDB=0.942575;SGB=-0.692914;MQS
T	G	225	DP=23;VDB=0.086238;SGB=-0.692067;MQS
T	G	225	DP=32;VDB=0.239427;SGB=-0.692717;MQS
T	G	225	DP=23;VDB=0.0403206;SGB=-0.692067;MQ
A	C	225	DP=25;VDB=0.870515;SGB=-0.692352;MQS
T	G	225	DP=25;VDB=0.430231;SGB=-0.692067;MQS
A	C	225	DP=18;VDB=0.488253;SGB=-0.686358;MQS
A	C	225	DP=25;VDB=0.0641074;SGB=-0.692562;MQ
T	G	225	DP=23;VDB=0.0230727;SGB=-0.69168;MQS
A	C	225	DP=24;VDB=0.00787643;SGB=-0.692352;M
T	G	225	DP=50;VDB=0.536118;SGB=-0.693144;MQS
T	G	225	DP=20;VDB=0.164256;SGB=-0.691153;MQS
A	C	225	DP=27;VDB=0.438789;SGB=-0.692976;MQS
A	C	225	DP=39;VDB=0.0998072;SGB=-0.69311;MQS
T	G	225	DP=34;VDB=0.875526;SGB=-0.693079;MQS
A	C	225	DP=40;VDB=0.238667;SGB=-0.693132;MQS
T	G	225	DP=32;VDB=0.988876;SGB=-0.692976;MQS
A	C	225	DP=42;VDB=0.0891865;SGB=-0.69311;MQS
A	C	225	DP=30;VDB=0.366528;SGB=-0.692831;MQS
A	C	225	DP=19;VDB=0.800009;SGB=-0.690438;MQS
T	G	225	DP=35;VDB=0.197402;SGB=-0.692976;MQS
T	G	225	DP=20;VDB=0.170142;SGB=-0.692067;MQS
A	C	225	DP=25;VDB=0.000183737;SGB=-0.692067;M
T	G	225	DP=37;VDB=0.10338;SGB=-0.693021;MQSB
T	G	225	DP=24;VDB=0.35215;SGB=-0.692562;MQSB
A	C	225	DP=30;VDB=0.389137;SGB=-0.692976;MQS
T	G	225	DP=25;VDB=0.0320693;SGB=-0.692352;MQ
A	C	225	DP=32;VDB=0.708399;SGB=-0.692831;MQS
A	C	225	DP=37;VDB=0.214209;SGB=-0.693054;MQS

T	G	225	DP=25;VDB=3.70649e-05;SGB=-0.692831;N
A	C	225	DP=41;VDB=0.353812;SGB=-0.693097;MQS
T	G	225	DP=45;VDB=0.704294;SGB=-0.693139;MQS
T	G	225	DP=26;VDB=0.982883;SGB=-0.692831;MQS
A	C	225	DP=20;VDB=0.15239;SGB=-0.690438;MQSB
T	G	225	DP=49;VDB=0.0323581;SGB=-0.693146;MQ
T	G	225	DP=40;VDB=0.488144;SGB=-0.69311;MQSB
A	C	225	DP=25;VDB=0.0125417;SGB=-0.692067;MQ
A	C	225	DP=28;VDB=0.0680978;SGB=-0.692831;MQ
T	G	225	DP=75;VDB=0.997842;SGB=-0.693147;MQS
A	C	225	DP=32;VDB=0.00466685;SGB=-0.693079;M
T	G	225	DP=34;VDB=0.0131879;SGB=-0.692976;MQ
A	C	225	DP=25;VDB=0.0380108;SGB=-0.692352;MQ
A	C	225	DP=36;VDB=0.991406;SGB=-0.692914;MQS
A	C	225	DP=32;VDB=0.258623;SGB=-0.692914;MQS
A	C	225	DP=17;VDB=0.126824;SGB=-0.689466;MQS
A	C	225	DP=42;VDB=0.962248;SGB=-0.693127;MQS
T	G	225	DP=25;VDB=0.99956;SGB=-0.692717;MQSB
T	G	225	DP=51;VDB=0.0172912;SGB=-0.693145;MQ
T	G	225	DP=27;VDB=0.638466;SGB=-0.692717;MQS
T	G	225	DP=20;VDB=0.000144803;SGB=-0.690438;N
A	C	225	DP=22;VDB=0.840409;SGB=-0.690438;MQS
A	C	225	DP=20;VDB=0.0400659;SGB=-0.69168;MQS
A	C	225	DP=45;VDB=0.167917;SGB=-0.693139;MQS
A	C	225	DP=66;VDB=0.712974;SGB=-0.693147;MQS
T	G	228	DP=45;VDB=0.506974;SGB=-0.693127;RPB=
T	G	225	DP=118;VDB=0.00462272;SGB=-0.693147;N
T	G	225	DP=84;VDB=0.229345;SGB=-0.693147;MQS
A	C	225	DP=45;VDB=0.141124;SGB=-0.693132;MQS
A	C	225	DP=61;VDB=0.214834;SGB=-0.693147;MQS
T	G	225	DP=70;VDB=0.597581;SGB=-0.693147;MQS
A	C	225	DP=61;VDB=1.1036e-06;SGB=-0.693147;M
A	C	225	DP=54;VDB=0.393074;SGB=-0.693141;MQS
T	G	228	DP=23;VDB=0.0627824;SGB=-0.690438;RPE
A	C	225	DP=68;VDB=0.645699;SGB=-0.693147;MQS
T	G	225	DP=65;VDB=0.820607;SGB=-0.693147;MQS
A	C	225	DP=54;VDB=0.781276;SGB=-0.693147;MQS
A	C	225	DP=36;VDB=0.254033;SGB=-0.693097;MQS
T	G	225	DP=74;VDB=0.384619;SGB=-0.693147;MQS
A	C	225	DP=63;VDB=0.793319;SGB=-0.693147;MQS
T	G	225	DP=44;VDB=0.867866;SGB=-0.69311;MQSB
T	G	225	DP=54;VDB=0.579807;SGB=-0.693141;MQS
T	G	225	DP=40;VDB=0.998431;SGB=-0.693097;MQS
A	C	225	DP=31;VDB=0.00452879;SGB=-0.692717;M
A	C	225	DP=62;VDB=0.175372;SGB=-0.693147;MQS
A	C	225	DP=25;VDB=0.998325;SGB=-0.69168;MQSB
A	C	225	DP=21;VDB=0.419317;SGB=-0.690438;MQS

A	C	225	DP=21;VDB=0.825351;SGB=-0.690438;MQS
T	G	225	DP=65;VDB=0.950464;SGB=-0.693147;MQS
A	C	225	DP=88;VDB=0.665393;SGB=-0.693147;MQS
A	C	225	DP=50;VDB=0.406163;SGB=-0.693139;MQS
A	C	225	DP=70;VDB=0.000773798;SGB=-0.693147;M
T	G	225	DP=38;VDB=0.203548;SGB=-0.69312;MQSB
T	G	221	DP=74;VDB=0.999438;SGB=-0.693146;RPB=
T	G	225	DP=72;VDB=0.625913;SGB=-0.693147;MQS
G	A	225	DP=43;VDB=0.867699;SGB=-0.693141;MQS
A	C	225	DP=39;VDB=0.492189;SGB=-0.693132;MQS
T	G	225	DP=57;VDB=0.0958519;SGB=-0.693146;MQ
A	C	225	DP=65;VDB=0.00864643;SGB=-0.693147;M
T	G	225	DP=55;VDB=0.100545;SGB=-0.693147;MQS
A	C	225	DP=44;VDB=0.0673231;SGB=-0.693136;MQ
T	G	225	DP=53;VDB=0.876253;SGB=-0.693147;MQS
T	G	225	DP=54;VDB=0.859493;SGB=-0.693145;MQS
A	C	225	DP=31;VDB=0.252224;SGB=-0.692831;MQS
T	G	228	DP=72;VDB=0.996883;SGB=-0.693147;RPB=
A	C	225	DP=35;VDB=0.00808037;SGB=-0.69311;MQ
T	G	225	DP=49;VDB=0.989182;SGB=-0.693145;MQS
A	C	225	DP=56;VDB=0.66941;SGB=-0.693147;MQSB
T	G	225	DP=64;VDB=0.471751;SGB=-0.693147;MQS
T	C	225	DP=68;VDB=0.0179307;SGB=-0.693147;MQ
T	G	225	DP=70;VDB=0.574734;SGB=-0.693147;MQS
T	G	225	DP=65;VDB=0.770986;SGB=-0.693147;MQS
T	G	225	DP=64;VDB=0.0141787;SGB=-0.693147;MQ
T	G	225	DP=48;VDB=0.0583483;SGB=-0.693144;MQ
T	G	225	DP=43;VDB=0.609314;SGB=-0.693141;MQS
A	C	225	DP=47;VDB=0.753776;SGB=-0.693144;MQS
A	C	225	DP=55;VDB=0.219365;SGB=-0.693146;MQS
C	T	225	DP=38;VDB=0.894139;SGB=-0.693127;MQS
T	G	225	DP=81;VDB=0.696598;SGB=-0.693147;MQS
A	C	225	DP=43;VDB=0.000213304;SGB=-0.693127;M
T	G	225	DP=48;VDB=0.385149;SGB=-0.69312;MQSB
T	G	225	DP=24;VDB=0.0471808;SGB=-0.69168;MQS
A	C	225	DP=27;VDB=0.431774;SGB=-0.692352;MQS
A	C	225	DP=41;VDB=0.121787;SGB=-0.69311;MQSB
A	C	225	DP=62;VDB=0.587052;SGB=-0.693147;MQS
G	A	225	DP=67;VDB=0.999988;SGB=-0.693147;MQS
A	C	225	DP=91;VDB=0.999276;SGB=-0.693147;MQS
T	G	228	DP=51;VDB=0.169123;SGB=-0.693145;RPB=
A	C	225	DP=58;VDB=0.0254286;SGB=-0.693146;MQ
T	G	225	DP=20;VDB=0.0159459;SGB=-0.690438;MQ
C	T	225	DP=47;VDB=0.922575;SGB=-0.693145;MQS
T	G	225	DP=63;VDB=0.843562;SGB=-0.693147;MQS
T	G	225	DP=40;VDB=0.113272;SGB=-0.693097;MQS
T	G	225	DP=59;VDB=0.251447;SGB=-0.693147;MQS

T	G	225	DP=43;VDB=0.34301;SGB=-0.693141;MQSB
T	G	225	DP=79;VDB=0.992828;SGB=-0.693147;MQS
T	G	225	DP=54;VDB=0.576068;SGB=-0.693146;MQS
A	C	225	DP=25;VDB=0.855535;SGB=-0.688148;MQS
T	G	225	DP=62;VDB=0.827254;SGB=-0.693147;MQS
T	G	225	DP=78;VDB=0.342481;SGB=-0.693147;MQS
T	A	225	DP=35;VDB=0.610599;SGB=-0.693054;MQS
T	G	225	DP=41;VDB=0.772738;SGB=-0.693136;MQS
T	G	225	DP=53;VDB=0.667346;SGB=-0.693143;MQS
T	G	225	DP=56;VDB=0.0183822;SGB=-0.693147;MQ
C	T	225	DP=47;VDB=0.0184205;SGB=-0.693145;MQ
A	C	225	DP=45;VDB=0.274138;SGB=-0.693127;MQS
A	G	218	DP=78;VDB=0.512378;SGB=-0.693136;RPB=
A	C	225	DP=99;VDB=0.924664;SGB=-0.693147;MQS
A	C	225	DP=57;VDB=0.00863684;SGB=-0.693147;M
A	C	225	DP=51;VDB=0.945602;SGB=-0.693143;MQS
T	G	225	DP=53;VDB=0.228929;SGB=-0.693145;MQS
A	G	225	DP=48;VDB=0.519999;SGB=-0.693143;MQS
T	G	225	DP=30;VDB=0.0150635;SGB=-0.692976;MQ
A	C	225	DP=64;VDB=0.699356;SGB=-0.693147;MQS
T	G	225	DP=38;VDB=0.644448;SGB=-0.69312;MQSB
A	C	225	DP=66;VDB=0.399161;SGB=-0.693147;MQS
T	G	225	DP=51;VDB=0.0950142;SGB=-0.693143;MQ
A	C	225	DP=32;VDB=0.0741831;SGB=-0.692831;MQ
T	G	225	DP=59;VDB=0.102557;SGB=-0.693147;MQS
A	C	225	DP=98;VDB=0.00233158;SGB=-0.693147;M
T	G	225	DP=35;VDB=0.667516;SGB=-0.693097;MQS
A	C	225	DP=29;VDB=0.962709;SGB=-0.692352;MQS
A	C	225	DP=81;VDB=0.117575;SGB=-0.693147;MQS
A	C	228	DP=45;VDB=0.329959;SGB=-0.693143;RPB=
A	C	225	DP=59;VDB=0.0158935;SGB=-0.693146;MQ
T	G	225	DP=38;VDB=0.0833313;SGB=-0.693136;MQ
A	C	225	DP=58;VDB=0.942143;SGB=-0.693147;MQS
A	C	225	DP=67;VDB=0.551787;SGB=-0.693147;MQS
A	C	225	DP=63;VDB=0.982354;SGB=-0.693147;MQS
A	C	225	DP=61;VDB=0.937157;SGB=-0.693147;MQS
T	G	225	DP=60;VDB=0.0394792;SGB=-0.693147;MQ
A	C	225	DP=29;VDB=0.180171;SGB=-0.69168;MQSB
A	C	225	DP=69;VDB=0.380377;SGB=-0.693147;MQS
T	G	225	DP=34;VDB=0.00356632;SGB=-0.692976;M
C	T	225	DP=74;VDB=0.905166;SGB=-0.693147;MQS
T	G	225	DP=28;VDB=0.985385;SGB=-0.692717;MQS
T	G	225	DP=96;VDB=0.225327;SGB=-0.693147;MQS
T	G	225	DP=49;VDB=0.950377;SGB=-0.693141;MQS
T	G	225	DP=57;VDB=0.846427;SGB=-0.693146;MQS
T	G	225	DP=73;VDB=0.00720031;SGB=-0.693147;M
A	C	225	DP=33;VDB=0.748055;SGB=-0.692976;MQS

A	C	225	DP=64;VDB=0.0499951;SGB=-0.693147;MQ
A	C	225	DP=23;VDB=0.00897393;SGB=-0.69168;MQ
T	G	228	DP=84;VDB=0.982131;SGB=-0.693147;RPB=
A	C	225	DP=57;VDB=0.999972;SGB=-0.693146;MQS
A	C	225	DP=26;VDB=0.26065;SGB=-0.692352;MQSB
A	C	225	DP=57;VDB=0.567839;SGB=-0.693147;MQS
T	G	225	DP=37;VDB=0.0679189;SGB=-0.69311;MQS
A	C	225	DP=45;VDB=0.187268;SGB=-0.693139;MQS
T	G	225	DP=27;VDB=0.720176;SGB=-0.692067;MQS
T	G	225	DP=28;VDB=0.206122;SGB=-0.69168;MQSB
T	G	225	DP=38;VDB=0.173275;SGB=-0.693097;MQS
A	C	225	DP=43;VDB=0.183253;SGB=-0.693132;MQS
A	C	225	DP=38;VDB=0.0131641;SGB=-0.69312;MQS
T	G	225	DP=40;VDB=0.972525;SGB=-0.69311;MQSB
T	G	225	DP=29;VDB=0.948912;SGB=-0.692976;MQS
T	G	225	DP=24;VDB=0.046444;SGB=-0.692352;MQS
T	G	225	DP=69;VDB=0.00195153;SGB=-0.693147;M
T	G	225	DP=36;VDB=0.257186;SGB=-0.693097;MQS
T	G	225	DP=72;VDB=0.99994;SGB=-0.693147;MQSB
T	G	228	DP=69;VDB=0.00852326;SGB=-0.693147;RF
A	C	225	DP=57;VDB=0.969526;SGB=-0.693147;MQS
A	C	225	DP=78;VDB=0.33119;SGB=-0.693147;MQSB
A	C	225	DP=55;VDB=0.177938;SGB=-0.693146;MQS
T	G	225	DP=63;VDB=0.985582;SGB=-0.693147;MQS
T	G	225	DP=38;VDB=0.161532;SGB=-0.693127;MQS
A	C	225	DP=33;VDB=0.0405225;SGB=-0.692976;MQ
T	G	225	DP=68;VDB=0.761131;SGB=-0.693147;MQS
A	T	225	DP=46;VDB=0.931869;SGB=-0.693139;MQS
A	C	225	DP=51;VDB=0.994884;SGB=-0.693145;MQS
T	G	225	DP=44;VDB=0.886661;SGB=-0.69312;MQSB
A	C	225	DP=52;VDB=0.972865;SGB=-0.693143;MQS
T	G	225	DP=80;VDB=0.37519;SGB=-0.693147;MQSB
T	G	225	DP=55;VDB=0.125925;SGB=-0.693147;MQS
T	G	225	DP=30;VDB=0.0824531;SGB=-0.692831;MQ
A	C	225	DP=45;VDB=0.995256;SGB=-0.693141;MQS
T	G	225	DP=57;VDB=0.998132;SGB=-0.693144;MQS
T	G	225	DP=74;VDB=0.990229;SGB=-0.693147;MQS
A	C	225	DP=44;VDB=0.953388;SGB=-0.693141;MQS
A	C	225	DP=32;VDB=0.385177;SGB=-0.693079;MQS
T	G	225	DP=27;VDB=0.549216;SGB=-0.692352;MQS
T	G	225	DP=32;VDB=0.939005;SGB=-0.692717;MQS
T	G	225	DP=34;VDB=0.706515;SGB=-0.693054;MQS
A	C	225	DP=102;VDB=1;SGB=-0.693147;MQSB=0.98
A	C	225	DP=48;VDB=0.64384;SGB=-0.693139;MQSB
T	G	225	DP=89;VDB=0.839585;SGB=-0.693147;MQS
A	C	225	DP=47;VDB=0.00893234;SGB=-0.693143;M
T	G	225	DP=67;VDB=0.147064;SGB=-0.693147;MQS

T	G	225	DP=74;VDB=0.731263;SGB=-0.693147;MQS
A	C	225	DP=57;VDB=0.99822;SGB=-0.693147;MQSB
T	G	225	DP=60;VDB=0.995924;SGB=-0.693147;MQS
T	G	225	DP=65;VDB=0.000159599;SGB=-0.693147;M
A	C	225	DP=49;VDB=0.34412;SGB=-0.693143;MQSB
T	G	225	DP=52;VDB=0.81618;SGB=-0.693145;MQSB
T	G	225	DP=52;VDB=0.621868;SGB=-0.693147;MQS
T	G	225	DP=52;VDB=0.310669;SGB=-0.693146;MQS
T	G	225	DP=85;VDB=0.817217;SGB=-0.693147;MQS
A	C	225	DP=29;VDB=0.93572;SGB=-0.693021;MQSB
T	G	225	DP=51;VDB=0.149488;SGB=-0.693145;MQS
A	C	225	DP=35;VDB=0.110647;SGB=-0.693054;MQS
T	G	225	DP=43;VDB=0.638023;SGB=-0.693127;MQS
T	G	225	DP=52;VDB=0.809524;SGB=-0.693144;MQS
T	G	225	DP=81;VDB=0.577842;SGB=-0.693147;MQS
T	G	225	DP=40;VDB=0.00376406;SGB=-0.69312;MQ
A	C	225	DP=65;VDB=0.953626;SGB=-0.693147;MQS
T	G	225	DP=33;VDB=0.891027;SGB=-0.693079;MQS
A	C	225	DP=47;VDB=0.241289;SGB=-0.69312;MQSB
A	C	225	DP=82;VDB=0.121761;SGB=-0.693147;MQS
T	G	225	DP=59;VDB=0.275162;SGB=-0.693147;MQS
A	C	225	DP=21;VDB=0.0434147;SGB=-0.686358;MQ
A	C	225	DP=72;VDB=0.29889;SGB=-0.693147;MQSB
A	C	225	DP=90;VDB=0.905721;SGB=-0.693147;MQS
T	G	225	DP=24;VDB=0.759379;SGB=-0.69168;MQSB
T	G	225	DP=42;VDB=0.673428;SGB=-0.693132;MQS
T	G	225	DP=61;VDB=0.626923;SGB=-0.693147;MQS
A	C	228	DP=27;VDB=0.0398357;SGB=-0.692562;RPE
A	C	225	DP=54;VDB=0.44672;SGB=-0.693145;MQSB
T	G	225	DP=89;VDB=0.136499;SGB=-0.693147;MQS
T	G	225	DP=32;VDB=0.634129;SGB=-0.693021;MQS
T	G	225	DP=66;VDB=0.0768009;SGB=-0.693147;MQ
A	C	225	DP=38;VDB=0.446818;SGB=-0.693079;MQS
A	C	225	DP=52;VDB=0.208641;SGB=-0.693147;MQS
A	G	225	DP=62;VDB=0.00266557;SGB=-0.693147;M
T	G	228	DP=45;VDB=0.0864125;SGB=-0.693145;RPE
A	C	225	DP=38;VDB=0.00907312;SGB=-0.69312;MQ
T	G	225	DP=53;VDB=0.935478;SGB=-0.693132;MQS
T	G	225	DP=52;VDB=0.613453;SGB=-0.693141;MQS
A	C	225	DP=23;VDB=0.520917;SGB=-0.692562;MQS
A	C	225	DP=54;VDB=0.310828;SGB=-0.693146;MQS
A	C	225	DP=59;VDB=0.122515;SGB=-0.693146;MQS
T	G	225	DP=25;VDB=0.509931;SGB=-0.69168;MQSB
A	C	228	DP=86;VDB=4.10616e-05;SGB=-0.693147;R
T	G	225	DP=98;VDB=0.287195;SGB=-0.693147;MQS
T	G	225	DP=56;VDB=0.02426;SGB=-0.693144;MQSB
A	C	228	DP=92;VDB=0.53074;SGB=-0.693147;RPB=1

T	G	225	DP=96;VDB=0.999347;SGB=-0.693147;MQS
A	C	225	DP=72;VDB=0.434653;SGB=-0.693147;MQS
T	G	225	DP=32;VDB=0.797467;SGB=-0.693021;MQS
A	C	225	DP=39;VDB=0.583743;SGB=-0.692976;MQS
T	G	228	DP=62;VDB=0.882774;SGB=-0.693146;RPB=
A	C	225	DP=96;VDB=0.21593;SGB=-0.693147;MQSB
T	G	225	DP=69;VDB=0.976579;SGB=-0.693147;MQS
A	C	225	DP=45;VDB=0.00147486;SGB=-0.693136;M
A	C	225	DP=87;VDB=0.98214;SGB=-0.693147;MQSB
T	G	225	DP=23;VDB=0.893759;SGB=-0.688148;MQS
T	G	225	DP=89;VDB=0.659695;SGB=-0.693147;MQS
A	C	225	DP=57;VDB=0.82271;SGB=-0.693147;MQSB
A	C	225	DP=48;VDB=0.192213;SGB=-0.693146;MQS
A	C	225	DP=45;VDB=0.914441;SGB=-0.693139;MQS
T	G	225	DP=65;VDB=0.00628318;SGB=-0.693147;M
A	C	225	DP=74;VDB=5.89509e-05;SGB=-0.693147;IV
A	C	225	DP=40;VDB=0.557271;SGB=-0.693136;MQS
T	G	225	DP=82;VDB=0.097119;SGB=-0.693147;MQS
T	G	225	DP=28;VDB=0.0782353;SGB=-0.692831;MQ
T	G	225	DP=53;VDB=0.025255;SGB=-0.693146;MQS
T	G	225	DP=41;VDB=0.676153;SGB=-0.69312;MQSB
A	C	225	DP=79;VDB=0.999872;SGB=-0.693147;MQS
C	T	225	DP=51;VDB=0.873823;SGB=-0.693146;MQS
T	G	225	DP=49;VDB=0.149344;SGB=-0.693139;MQS
T	G	225	DP=37;VDB=0.900324;SGB=-0.69312;MQSB
T	G	225	DP=25;VDB=0.293593;SGB=-0.692067;MQS
T	G	225	DP=55;VDB=0.534164;SGB=-0.693146;MQS
A	C	225	DP=54;VDB=0.039095;SGB=-0.693146;MQS
T	G	225	DP=35;VDB=0.603261;SGB=-0.693021;MQS
T	G	225	DP=61;VDB=0.840664;SGB=-0.693147;MQS
T	G	225	DP=28;VDB=0.590441;SGB=-0.692067;MQS
A	C	225	DP=27;VDB=0.329317;SGB=-0.692067;MQS
T	G	225	DP=56;VDB=0.541673;SGB=-0.693147;MQS
T	G	225	DP=35;VDB=0.963357;SGB=-0.692976;MQS
A	C	225	DP=71;VDB=0.000565201;SGB=-0.693147;M
T	G	225	DP=45;VDB=0.3451;SGB=-0.693141;MQSB=
T	G	225	DP=67;VDB=0.122071;SGB=-0.693147;MQS
A	C	225	DP=60;VDB=0.31153;SGB=-0.693147;MQSB
A	C	225	DP=45;VDB=0.713757;SGB=-0.693139;MQS
T	G	225	DP=43;VDB=0.717042;SGB=-0.69311;MQSB
T	G	225	DP=54;VDB=0.885277;SGB=-0.693143;MQS
T	G	225	DP=94;VDB=6.76925e-05;SGB=-0.693147;IV
T	G	225	DP=41;VDB=0.0291839;SGB=-0.69311;MQS
A	C	225	DP=49;VDB=0.208173;SGB=-0.693143;MQS
T	G	225	DP=54;VDB=0.333126;SGB=-0.693146;MQS
T	G	225	DP=62;VDB=0.444071;SGB=-0.693147;MQS
A	C	225	DP=81;VDB=3.46349e-06;SGB=-0.693147;IV



T	G	225	DP=43;VDB=0.386892;SGB=-0.69312;MQSB
A	C	225	DP=43;VDB=0.733646;SGB=-0.693127;MQS
A	C	225	DP=36;VDB=0.547976;SGB=-0.693079;MQS
A	C	225	DP=68;VDB=0.993394;SGB=-0.693147;MQS
T	G	225	DP=46;VDB=0.314948;SGB=-0.693146;MQS
A	C	225	DP=59;VDB=0.390177;SGB=-0.693147;MQS
A	G	225	DP=52;VDB=0.0370293;SGB=-0.693146;MQ
T	G	225	DP=36;VDB=0.993398;SGB=-0.69312;MQSB
A	C	215	DP=17;VDB=0.236092;SGB=-0.683931;MQS
A	C	225	DP=98;VDB=0.998702;SGB=-0.693147;MQS
T	G	225	DP=48;VDB=0.0658509;SGB=-0.693144;MQ
T	G	222	DP=65;VDB=0.0400658;SGB=-0.69168;RPB=
T	G	225	DP=29;VDB=0.886348;SGB=-0.693054;MQS
T	G	225	DP=63;VDB=0.0965888;SGB=-0.693147;MQ
T	G	225	DP=103;VDB=0.942076;SGB=-0.693147;MQ
A	C	225	DP=53;VDB=0.549582;SGB=-0.693146;MQS
A	C	225	DP=82;VDB=0.92746;SGB=-0.693147;MQSB
T	G	225	DP=46;VDB=0.922214;SGB=-0.69312;MQSB
T	G	225	DP=46;VDB=0.00895987;SGB=-0.693141;M
T	G	225	DP=48;VDB=0.307334;SGB=-0.693146;MQS
T	G	228	DP=49;VDB=0.851572;SGB=-0.693146;RPB=
A	C	225	DP=34;VDB=0.0688153;SGB=-0.693097;MQ
A	C	225	DP=74;VDB=0.0163657;SGB=-0.693147;MQ
T	G	225	DP=52;VDB=0.816913;SGB=-0.693147;MQS
A	C	225	DP=63;VDB=0.935439;SGB=-0.693147;MQS
A	C	225	DP=66;VDB=0.00090965;SGB=-0.693147;M
T	G	225	DP=64;VDB=0.928781;SGB=-0.693147;MQS
T	G	225	DP=43;VDB=0.617361;SGB=-0.693141;MQS
C	T	225	DP=94;VDB=0.498236;SGB=-0.693147;MQS
A	C	225	DP=44;VDB=0.730156;SGB=-0.693136;MQS
A	C	228	DP=64;VDB=0.0822462;SGB=-0.693147;RPE
T	G	225	DP=40;VDB=0.912448;SGB=-0.693127;MQS
T	G	225	DP=31;VDB=0.0659554;SGB=-0.692831;MQ
A	C	225	DP=27;VDB=0.746641;SGB=-0.692562;MQS
A	C	225	DP=44;VDB=0.767318;SGB=-0.693139;MQS
T	G	225	DP=45;VDB=0.998147;SGB=-0.69312;MQSB
T	G	225	DP=69;VDB=0.435748;SGB=-0.693147;MQS
T	G	225	DP=58;VDB=0.0466388;SGB=-0.693147;MQ
T	G	225	DP=55;VDB=0.264908;SGB=-0.693147;MQS
A	C	225	DP=48;VDB=0.178677;SGB=-0.693139;MQS
A	C	225	DP=64;VDB=0.975768;SGB=-0.693147;MQS
A	C	225	DP=24;VDB=0.926909;SGB=-0.691153;MQS
T	C	225	DP=36;VDB=0.171848;SGB=-0.693054;MQS
T	G	225	DP=23;VDB=0.380219;SGB=-0.692067;MQS
T	G	225	DP=39;VDB=0.000481272;SGB=-0.69311;M
A	C	225	DP=45;VDB=0.299094;SGB=-0.693145;MQS
A	C	225	DP=62;VDB=0.183819;SGB=-0.693147;MQS

T	G	225	DP=48;VDB=0.156625;SGB=-0.693146;MQS
A	C	225	DP=52;VDB=0.750601;SGB=-0.693145;MQS
T	G	225	DP=41;VDB=0.210275;SGB=-0.69312;MQSB
T	G	225	DP=35;VDB=0.26744;SGB=-0.69311;MQSB=
T	G	225	DP=40;VDB=0.695787;SGB=-0.693097;MQS
T	G	225	DP=84;VDB=0.000613269;SGB=-0.693147;N
T	G	225	DP=83;VDB=0.975699;SGB=-0.693147;MQS
A	C	225	DP=55;VDB=0.302844;SGB=-0.693145;MQS
A	C	225	DP=68;VDB=0.783967;SGB=-0.693147;MQS
T	C	225	DP=24;VDB=0.555188;SGB=-0.692717;MQS
T	G	225	DP=48;VDB=0.871396;SGB=-0.693132;MQS
G	T	225	DP=63;VDB=0.708259;SGB=-0.693132;MQS
T	G	225	DP=31;VDB=0.0537983;SGB=-0.692976;MQ
T	G	225	DP=28;VDB=0.256381;SGB=-0.692831;MQS
A	C	225	DP=25;VDB=0.256908;SGB=-0.69168;MQSB
T	G	225	DP=71;VDB=0.0765883;SGB=-0.693147;MQ
A	C	225	DP=52;VDB=0.623683;SGB=-0.693143;MQS
A	C	225	DP=43;VDB=0.989458;SGB=-0.693144;MQS
A	C	225	DP=74;VDB=0.625295;SGB=-0.693147;MQS
A	C	225	DP=44;VDB=0.010268;SGB=-0.693139;MQS
A	C	225	DP=41;VDB=0.469537;SGB=-0.693141;MQS
A	C	225	DP=50;VDB=0.921953;SGB=-0.693145;MQS
A	C	225	DP=35;VDB=0.752486;SGB=-0.693079;MQS
A	C	225	DP=28;VDB=0.402273;SGB=-0.692717;MQS
T	G	225	DP=38;VDB=0.798423;SGB=-0.69312;MQSB
A	C	228	DP=75;VDB=0.876477;SGB=-0.693147;RPB=
A	C	225	DP=77;VDB=0.994048;SGB=-0.693147;MQS
T	G	225	DP=42;VDB=0.00925829;SGB=-0.693136;M
T	G	225	DP=67;VDB=0.162047;SGB=-0.693147;MQS
A	C	225	DP=37;VDB=0.921825;SGB=-0.69311;MQSB
A	C	228	DP=50;VDB=0.142495;SGB=-0.693143;RPB=
T	G	225	DP=79;VDB=0.953432;SGB=-0.693147;MQS
A	C	225	DP=26;VDB=0.999248;SGB=-0.692976;MQS
T	G	225	DP=63;VDB=0.204342;SGB=-0.693147;MQS
A	C	225	DP=52;VDB=0.63302;SGB=-0.693145;MQSB
T	G	228	DP=52;VDB=0.378417;SGB=-0.693145;RPB=
A	C	225	DP=25;VDB=0.0737739;SGB=-0.692562;MQ
A	C	228	DP=50;VDB=0.960398;SGB=-0.693145;RPB=
A	C	225	DP=23;VDB=0.0309983;SGB=-0.689466;MQ
A	C	228	DP=37;VDB=0.22709;SGB=-0.693097;RPB=1
T	G	225	DP=46;VDB=0.486929;SGB=-0.693139;MQS
T	G	225	DP=54;VDB=0.954393;SGB=-0.693146;MQS
A	C	225	DP=76;VDB=0.128055;SGB=-0.693147;MQS
A	C	225	DP=31;VDB=0.114355;SGB=-0.692914;MQS
T	G	225	DP=34;VDB=0.589124;SGB=-0.69312;MQSB
A	C	225	DP=52;VDB=0.702283;SGB=-0.693146;MQS
T	G	225	DP=61;VDB=0.406722;SGB=-0.693146;MQS

T	G	225	DP=57;VDB=0.746765;SGB=-0.693147;MQS
A	C	225	DP=72;VDB=0.105356;SGB=-0.693147;MQS
A	C	225	DP=87;VDB=0.1285;SGB=-0.693147;MQSB=
T	G	225	DP=117;VDB=0.00102868;SGB=-0.693147;M
A	C	225	DP=48;VDB=0.831592;SGB=-0.693143;MQS
T	G	225	DP=49;VDB=0.983392;SGB=-0.693147;MQS
A	C	225	DP=27;VDB=0.283245;SGB=-0.692831;MQS
A	C	225	DP=29;VDB=0.516416;SGB=-0.691153;MQS
T	G	225	DP=74;VDB=3.89413e-08;SGB=-0.693147;M
A	C	225	DP=23;VDB=0.0397893;SGB=-0.69168;MQS
A	C	225	DP=95;VDB=0.7228;SGB=-0.693147;MQSB=
A	C	225	DP=34;VDB=0.998059;SGB=-0.693097;MQS
T	G	225	DP=46;VDB=0.145831;SGB=-0.693146;MQS
T	G	225	DP=29;VDB=0.167078;SGB=-0.692562;MQS
A	C	225	DP=50;VDB=0.995408;SGB=-0.693146;MQS
A	C	225	DP=35;VDB=0.0984162;SGB=-0.693054;MQ
T	G	225	DP=40;VDB=0.870997;SGB=-0.693079;MQS
A	C	225	DP=46;VDB=0.956875;SGB=-0.693139;MQS
A	C	225	DP=63;VDB=0.651059;SGB=-0.693147;MQS
T	G	225	DP=88;VDB=0.991486;SGB=-0.693147;MQS
A	C	225	DP=57;VDB=0.00217246;SGB=-0.693147;M
T	G	225	DP=63;VDB=0.0889387;SGB=-0.693147;MQ
A	C	225	DP=46;VDB=0.552253;SGB=-0.693136;MQS
T	G	225	DP=74;VDB=0.147892;SGB=-0.693147;MQS
A	C	225	DP=61;VDB=0.372254;SGB=-0.693147;MQS
A	C	225	DP=48;VDB=0.00897732;SGB=-0.693144;M
A	C	225	DP=72;VDB=0.307643;SGB=-0.693147;MQS
A	C	225	DP=93;VDB=0.999934;SGB=-0.693147;MQS
A	C	225	DP=29;VDB=0.801113;SGB=-0.692352;MQS
A	C	225	DP=90;VDB=0.801005;SGB=-0.693147;MQS
A	C	225	DP=33;VDB=0.393261;SGB=-0.693021;MQS
T	G	225	DP=49;VDB=0.0357861;SGB=-0.693147;MQ
A	C	225	DP=52;VDB=0.490349;SGB=-0.693146;MQS
A	C	225	DP=43;VDB=0.53031;SGB=-0.693127;MQSB
T	G	225	DP=52;VDB=0.112265;SGB=-0.693146;MQS
A	C	225	DP=55;VDB=0.300894;SGB=-0.693147;MQS
A	C	225	DP=54;VDB=0.49038;SGB=-0.693145;MQSB
A	C	225	DP=68;VDB=0.50491;SGB=-0.693147;MQSB
A	C	225	DP=68;VDB=3.63266e-05;SGB=-0.693147;M
T	G	225	DP=59;VDB=0.0188318;SGB=-0.693147;MQ
T	G	225	DP=55;VDB=0.485609;SGB=-0.693147;MQS
A	C	225	DP=59;VDB=0.37925;SGB=-0.693146;MQSB
A	C	225	DP=56;VDB=0.846475;SGB=-0.693147;MQS
A	C	225	DP=69;VDB=0.0674277;SGB=-0.693147;MQ
A	C	225	DP=30;VDB=0.462886;SGB=-0.693054;MQS
A	C	228	DP=47;VDB=0.475293;SGB=-0.693132;RPB=
T	G	225	DP=21;VDB=0.930786;SGB=-0.690438;MQS

T	G	225	DP=55;VDB=0.320133;SGB=-0.693146;MQS
T	G	225	DP=84;VDB=0.990103;SGB=-0.693147;MQS
A	C	225	DP=17;VDB=0.123095;SGB=-0.689466;MQS
A	C	225	DP=36;VDB=0.903788;SGB=-0.693054;MQS
T	G	225	DP=36;VDB=0.243009;SGB=-0.69311;MQSB
A	C	228	DP=21;VDB=0.79112;SGB=-0.69168;RPB=1;
T	G	225	DP=20;VDB=0.70925;SGB=-0.691153;MQSB
T	G	225	DP=23;VDB=0.0502173;SGB=-0.692067;MQ
T	G	225	DP=17;VDB=0.97318;SGB=-0.689466;MQSB
T	G	225	DP=20;VDB=0.136488;SGB=-0.689466;MQS
T	G	228	DP=20;VDB=0.062297;SGB=-0.688148;RPB=
A	C	225	DP=19;VDB=0.875627;SGB=-0.680642;MQS
C	T	225	DP=18;VDB=0.921272;SGB=-0.683931;MQS
A	C	225	DP=24;VDB=0.881574;SGB=-0.692562;MQS
A	C	221	DP=24;VDB=0.395713;SGB=-0.692067;RPB=
A	C	211	DP=23;VDB=0.0713684;SGB=-0.691153;MQ
T	G	225	DP=21;VDB=0.757876;SGB=-0.69168;MQSB
T	G	225	DP=20;VDB=0.314481;SGB=-0.691153;MQS
A	C	225	DP=36;VDB=0.0003;SGB=-0.693132;MQSB=
A	C	225	DP=21;VDB=0.889354;SGB=-0.69168;MQSB
T	G	225	DP=22;VDB=0.233295;SGB=-0.692067;MQS
A	C	225	DP=28;VDB=0.97098;SGB=-0.692352;MQSB
T	G	225	DP=18;VDB=0.782605;SGB=-0.688148;MQS
A	C	225	DP=22;VDB=0.239048;SGB=-0.692067;MQS
T	G	225	DP=20;VDB=0.439008;SGB=-0.690438;MQS
A	C	228	DP=20;VDB=0.873223;SGB=-0.691153;RPB=
T	G	225	DP=33;VDB=0.240355;SGB=-0.692914;MQS
T	G	228	DP=17;VDB=0.367989;SGB=-0.683931;RPB=
T	G	228	DP=22;VDB=0.207007;SGB=-0.688148;RPB=
A	C	217	DP=15;VDB=0.931032;SGB=-0.680642;MQS
A	C	225	DP=23;VDB=0.179355;SGB=-0.692067;MQS
T	G	228	DP=39;VDB=0.743656;SGB=-0.692914;RPB=
A	C	225	DP=33;VDB=0.830356;SGB=-0.692976;MQS
A	C	225	DP=21;VDB=0.651075;SGB=-0.690438;MQS
T	G	225	DP=20;VDB=0.963793;SGB=-0.69168;MQSB
T	G	225	DP=17;VDB=0.63001;SGB=-0.686358;MQSB
T	G	214	DP=16;VDB=0.673295;SGB=-0.688148;MQS
T	G	225	DP=30;VDB=0.879194;SGB=-0.692831;MQS
A	C	225	DP=31;VDB=0.568406;SGB=-0.692976;MQS
A	C	225	DP=28;VDB=0.225565;SGB=-0.692976;MQS
T	G	225	DP=18;VDB=0.570811;SGB=-0.686358;MQS
T	G	225	DP=28;VDB=0.0104908;SGB=-0.692717;MQ
T	G	225	DP=19;VDB=0.670898;SGB=-0.690438;MQS
T	G	225	DP=24;VDB=0.615033;SGB=-0.692067;MQS
A	C	225	DP=23;VDB=0.315921;SGB=-0.692067;MQS
A	C	225	DP=26;VDB=0.900596;SGB=-0.692067;MQS
A	C	228	DP=18;VDB=0.0284815;SGB=-0.688148;RPE

T	G	225	DP=17;VDB=0.827539;SGB=-0.689466;MQS
A	C	228	DP=21;VDB=0.975195;SGB=-0.688148;RPB=
T	G	225	DP=25;VDB=0.567329;SGB=-0.692717;MQS
T	G	225	DP=27;VDB=0.321458;SGB=-0.692831;MQS
A	C	225	DP=19;VDB=0.0367823;SGB=-0.689466;MQ
T	G	228	DP=39;VDB=0.190503;SGB=-0.693127;RPB=
A	C	225	DP=16;VDB=0.269663;SGB=-0.688148;MQS
T	C	225	DP=18;VDB=0.952018;SGB=-0.689466;MQS
T	G	225	DP=15;VDB=0.932792;SGB=-0.683931;MQS
A	C	228	DP=21;VDB=0.00813383;SGB=-0.686358;RF
T	G	228	DP=19;VDB=0.137055;SGB=-0.686358;RPB=
A	C	225	DP=29;VDB=0.690919;SGB=-0.692562;MQS
A	C	228	DP=18;VDB=0.305955;SGB=-0.689466;RPB=
A	C	225	DP=15;VDB=0.985373;SGB=-0.683931;MQS
T	G	225	DP=20;VDB=0.321158;SGB=-0.690438;MQS
T	G	225	DP=18;VDB=0.474804;SGB=-0.690438;MQS
T	G	219	DP=24;VDB=0.1447;SGB=-0.691153;RPB=0.!
A	C	228	DP=20;VDB=0.668172;SGB=-0.689466;RPB=
A	C	228	DP=25;VDB=0.135574;SGB=-0.692562;RPB=
T	G	215	DP=17;VDB=0.806879;SGB=-0.686358;RPB=
T	G	225	DP=25;VDB=0.982349;SGB=-0.69168;MQSB
A	C	225	DP=26;VDB=0.88694;SGB=-0.692352;MQSB
T	G	225	DP=20;VDB=0.738551;SGB=-0.691153;MQS
T	G	225	DP=21;VDB=0.551262;SGB=-0.691153;MQS
T	G	225	DP=23;VDB=0.793731;SGB=-0.692352;MQS
T	G	228	DP=21;VDB=0.96876;SGB=-0.690438;RPB=1
A	C	225	DP=20;VDB=0.454363;SGB=-0.688148;MQS
A	C	219	DP=23;VDB=0.293362;SGB=-0.689466;RPB=
A	C	225	DP=24;VDB=0.547511;SGB=-0.690438;MQS
A	C	225	DP=22;VDB=0.823797;SGB=-0.690438;MQS
A	C	228	DP=33;VDB=0.49041;SGB=-0.692831;RPB=C
A	C	225	DP=22;VDB=0.348183;SGB=-0.690438;MQS
T	G	225	DP=29;VDB=0.0338375;SGB=-0.692831;MQ
T	G	225	DP=28;VDB=0.332941;SGB=-0.692831;MQS
A	C	225	DP=18;VDB=0.471439;SGB=-0.688148;MQS
T	A	225	DP=19;VDB=0.448738;SGB=-0.691153;MQS
A	C	228	DP=28;VDB=0.947154;SGB=-0.692067;RPB=
T	G	228	DP=25;VDB=0.375208;SGB=-0.692352;RPB=
T	G	225	DP=21;VDB=0.989163;SGB=-0.69168;MQSB
A	C	225	DP=26;VDB=0.232648;SGB=-0.691153;MQS
A	C	225	DP=14;VDB=0.316685;SGB=-0.680642;MQS
T	G	225	DP=23;VDB=0.484866;SGB=-0.692352;MQS
A	C	225	DP=16;VDB=0.0680605;SGB=-0.688148;MQ
T	G	225	DP=25;VDB=0.372292;SGB=-0.692352;MQS
T	G	225	DP=46;VDB=0.549741;SGB=-0.693136;MQS
A	C	228	DP=46;VDB=0.00448383;SGB=-0.69312;RPE
T	G	225	DP=31;VDB=0.19396;SGB=-0.692562;MQSB

A	C	225	DP=20;VDB=0.472408;SGB=-0.690438;MQS
A	C	225	DP=18;VDB=0.1172;SGB=-0.689466;MQSB=
A	C	225	DP=25;VDB=0.43209;SGB=-0.69168;MQSB=
T	G	228	DP=28;VDB=0.00393786;SGB=-0.692717;RF
A	C	225	DP=18;VDB=0.311165;SGB=-0.690438;MQS
A	C	225	DP=33;VDB=0.197982;SGB=-0.693079;MQS
A	C	228	DP=20;VDB=0.190985;SGB=-0.689466;RPB=
A	C	228	DP=23;VDB=0.674053;SGB=-0.692067;RPB=
A	C	228	DP=29;VDB=0.377174;SGB=-0.692717;RPB=
A	C	225	DP=21;VDB=0.914506;SGB=-0.691153;MQS
A	C	225	DP=18;VDB=0.657642;SGB=-0.688148;MQS
A	C	225	DP=36;VDB=0.733082;SGB=-0.693021;MQS
T	G	225	DP=28;VDB=0.698208;SGB=-0.692831;MQS
T	G	225	DP=30;VDB=0.441721;SGB=-0.692831;MQS
A	C	225	DP=34;VDB=0.749837;SGB=-0.693054;MQS
T	G	225	DP=26;VDB=0.0751561;SGB=-0.692562;MQ
T	G	225	DP=19;VDB=0.918865;SGB=-0.689466;MQS
T	G	225	DP=28;VDB=0.816209;SGB=-0.692717;MQS
A	C	225	DP=26;VDB=0.0507022;SGB=-0.692067;MQ
T	G	225	DP=28;VDB=0.297711;SGB=-0.692562;MQS
T	G	225	DP=22;VDB=0.142918;SGB=-0.69168;MQSB
T	C	225	DP=31;VDB=0.695325;SGB=-0.692831;MQS
T	G	225	DP=24;VDB=0.656492;SGB=-0.692067;MQS
A	C	225	DP=25;VDB=0.505712;SGB=-0.691153;MQS
T	G	225	DP=25;VDB=0.785005;SGB=-0.691153;MQS
T	G	225	DP=23;VDB=0.114565;SGB=-0.691153;MQS
A	C	225	DP=24;VDB=0.0640238;SGB=-0.69168;MQS
A	C	222	DP=20;VDB=0.568889;SGB=-0.690438;MQS
T	G	225	DP=18;VDB=0.696731;SGB=-0.686358;MQS
A	C	225	DP=19;VDB=0.0505208;SGB=-0.689466;MQ
T	G	225	DP=21;VDB=0.612796;SGB=-0.688148;MQS
A	C	225	DP=22;VDB=0.388245;SGB=-0.690438;MQS
T	G	225	DP=22;VDB=0.0089796;SGB=-0.690438;MQ
T	G	225	DP=18;VDB=0.983037;SGB=-0.688148;MQS
A	C	225	DP=24;VDB=0.125295;SGB=-0.691153;MQS
T	G	228	DP=18;VDB=0.768163;SGB=-0.686358;RPB=
T	G	225	DP=30;VDB=0.782419;SGB=-0.692717;MQS
A	C	225	DP=16;VDB=0.797241;SGB=-0.686358;MQS
A	C	225	DP=17;VDB=0.537189;SGB=-0.683931;MQS
T	G	225	DP=26;VDB=0.954275;SGB=-0.692562;MQS
A	C	225	DP=22;VDB=0.0826641;SGB=-0.690438;MQ
A	C	225	DP=25;VDB=0.0905382;SGB=-0.692562;MQ
T	G	225	DP=21;VDB=0.886291;SGB=-0.69168;MQSB
A	C	216	DP=18;VDB=0.796736;SGB=-0.680642;MQS
T	G	225	DP=21;VDB=0.881642;SGB=-0.686358;MQS
T	G	225	DP=15;VDB=0.823545;SGB=-0.676189;MQS
T	G	215	DP=22;VDB=0.954709;SGB=-0.690438;MQS

T	G	225	DP=20;VDB=0.0814763;SGB=-0.689466;MQ
T	G	225	DP=26;VDB=0.335125;SGB=-0.692562;MQS
T	G	225	DP=28;VDB=0.024516;SGB=-0.692914;MQS
T	G	225	DP=17;VDB=0.00686469;SGB=-0.689466;M
T	C	225	DP=24;VDB=0.0491003;SGB=-0.692067;MQ
T	G	225	DP=21;VDB=0.84247;SGB=-0.69168;MQSB=
T	G	225	DP=22;VDB=0.310283;SGB=-0.683931;MQS
T	G	225	DP=19;VDB=0.808988;SGB=-0.688148;MQS
T	G	225	DP=19;VDB=0.0847086;SGB=-0.69168;MQS
T	G	225	DP=20;VDB=0.016269;SGB=-0.690438;MQS
T	G	225	DP=22;VDB=0.996891;SGB=-0.689466;MQS
T	G	225	DP=27;VDB=0.428398;SGB=-0.692067;MQS
A	C	225	DP=23;VDB=0.705335;SGB=-0.692067;MQS
T	G	225	DP=31;VDB=0.100853;SGB=-0.692976;MQS
A	C	225	DP=26;VDB=0.981656;SGB=-0.692067;MQS
T	G	225	DP=23;VDB=0.465226;SGB=-0.690438;MQS
A	C	225	DP=18;VDB=0.595313;SGB=-0.688148;MQS
T	G	225	DP=21;VDB=0.997778;SGB=-0.689466;MQS
A	C	225	DP=18;VDB=0.176107;SGB=-0.686358;MQS
A	C	216	DP=23;VDB=0.111509;SGB=-0.689466;MQS
A	C	225	DP=19;VDB=0.13644;SGB=-0.690438;MQSB
T	G	225	DP=24;VDB=0.987238;SGB=-0.69168;MQSB
T	G	225	DP=32;VDB=0.378017;SGB=-0.692976;MQS
A	C	225	DP=19;VDB=0.131993;SGB=-0.680642;MQS
A	C	225	DP=33;VDB=0.107875;SGB=-0.693097;MQS
A	C	225	DP=20;VDB=0.288703;SGB=-0.689466;MQS
T	G	225	DP=28;VDB=0.999305;SGB=-0.692976;MQS
T	G	225	DP=21;VDB=0.433274;SGB=-0.686358;MQS
T	G	225	DP=22;VDB=0.506425;SGB=-0.691153;MQS
T	G	225	DP=21;VDB=0.0848251;SGB=-0.690438;MQ
A	C	225	DP=22;VDB=0.460047;SGB=-0.688148;MQS
T	G	225	DP=35;VDB=0.0307503;SGB=-0.693054;MQ
A	C	225	DP=18;VDB=0.646701;SGB=-0.686358;MQS
A	C	225	DP=20;VDB=0.635363;SGB=-0.690438;MQS
A	C	225	DP=22;VDB=0.741846;SGB=-0.690438;MQS
T	G	225	DP=24;VDB=0.0834353;SGB=-0.692562;MQ
A	C	225	DP=26;VDB=0.822283;SGB=-0.689466;RPB=
T	G	225	DP=31;VDB=0.354241;SGB=-0.692914;MQS
A	C	225	DP=22;VDB=0.252995;SGB=-0.690438;MQS
A	C	225	DP=24;VDB=0.425957;SGB=-0.692067;MQS
T	G	225	DP=27;VDB=0.145471;SGB=-0.69168;MQSB
T	G	225	DP=19;VDB=0.0967671;SGB=-0.69168;MQS
A	C	225	DP=19;VDB=0.302225;SGB=-0.683931;MQS
A	C	225	DP=22;VDB=0.264954;SGB=-0.691153;MQS
T	G	225	DP=30;VDB=0.0673485;SGB=-0.693054;MQ
T	G	225	DP=21;VDB=0.925155;SGB=-0.686358;MQS
A	C	225	DP=24;VDB=0.014083;SGB=-0.686358;MQS

T	G	225	DP=17;VDB=0.139634;SGB=-0.688148;MQS
A	C	225	DP=15;VDB=0.51263;SGB=-0.680642;MQSB
A	C	225	DP=18;VDB=0.771923;SGB=-0.688148;MQS
A	C	225	DP=22;VDB=0.95517;SGB=-0.692067;MQSB
T	G	225	DP=20;VDB=0.745159;SGB=-0.69168;MQSB
T	G	225	DP=20;VDB=0.421084;SGB=-0.692067;MQS
T	G	225	DP=17;VDB=0.853679;SGB=-0.680642;MQS
A	C	225	DP=19;VDB=0.763618;SGB=-0.689466;MQS
A	C	225	DP=19;VDB=0.94357;SGB=-0.689466;MQSB
T	G	225	DP=26;VDB=0.0638809;SGB=-0.692717;MQ
A	C	225	DP=27;VDB=0.772186;SGB=-0.69168;MQSB
A	C	225	DP=20;VDB=0.0663;SGB=-0.689466;MQSB=
T	G	225	DP=26;VDB=0.300233;SGB=-0.692831;MQS
A	C	225	DP=33;VDB=0.122634;SGB=-0.693097;MQS
A	C	225	DP=27;VDB=0.49291;SGB=-0.692717;MQSB
T	G	225	DP=36;VDB=0.143039;SGB=-0.69312;MQSB
A	C	225	DP=49;VDB=0.662681;SGB=-0.693132;MQS
T	G	225	DP=20;VDB=0.726785;SGB=-0.69168;MQSB
A	C	225	DP=73;VDB=0.0341539;SGB=-0.693147;MQ
A	C	225	DP=79;VDB=0.000156486;SGB=-0.693147;M
T	G	225	DP=35;VDB=0.0512726;SGB=-0.693054;MQ
T	G	225	DP=46;VDB=0.0899241;SGB=-0.693144;MQ
A	C	228	DP=25;VDB=0.99478;SGB=-0.691153;RPB=1
A	C	225	DP=29;VDB=0.912578;SGB=-0.692562;MQS
A	C	225	DP=50;VDB=0.517992;SGB=-0.693145;MQS
A	C	225	DP=50;VDB=0.343374;SGB=-0.693146;MQS
T	G	225	DP=46;VDB=0.501096;SGB=-0.693143;MQS
T	G	225	DP=47;VDB=0.213588;SGB=-0.693132;MQS
T	G	225	DP=36;VDB=0.6057;SGB=-0.69311;MQSB=0
A	C	225	DP=26;VDB=0.21378;SGB=-0.692067;MQSB
T	G	225	DP=46;VDB=0.791065;SGB=-0.693136;MQS
A	C	225	DP=42;VDB=0.00214063;SGB=-0.693127;M
T	G	225	DP=22;VDB=0.245649;SGB=-0.69168;MQSB
C	A	225	DP=18;VDB=0.172119;SGB=-0.688148;MQS
T	G	225	DP=32;VDB=0.0843573;SGB=-0.693054;MQ
T	G	225	DP=42;VDB=0.220944;SGB=-0.693136;MQS
T	G	225	DP=55;VDB=0.0110338;SGB=-0.693146;MQ
T	G	225	DP=65;VDB=0.0819464;SGB=-0.693147;MQ
A	C	225	DP=24;VDB=0.218673;SGB=-0.691153;MQS
T	G	225	DP=46;VDB=0.317147;SGB=-0.693139;MQS
A	C	225	DP=40;VDB=0.870146;SGB=-0.693079;MQS
T	G	228	DP=36;VDB=0.562975;SGB=-0.693097;RPB=
A	C	225	DP=19;VDB=0.448688;SGB=-0.688148;MQS
A	C	225	DP=29;VDB=0.196959;SGB=-0.692831;MQS
A	C	225	DP=32;VDB=0.00331905;SGB=-0.692914;M
A	C	225	DP=29;VDB=0.747217;SGB=-0.69168;MQSB
T	G	225	DP=40;VDB=0.924661;SGB=-0.693132;MQS



A	C	225	DP=51;VDB=0.101271;SGB=-0.693145;MQS
A	C	225	DP=36;VDB=9.21009e-05;SGB=-0.69312;MQS
A	C	228	DP=30;VDB=0.348106;SGB=-0.692352;RPB=
A	C	225	DP=53;VDB=0.983098;SGB=-0.693144;MQS
T	G	225	DP=42;VDB=0.428666;SGB=-0.693136;MQS
A	C	225	DP=29;VDB=0.24477;SGB=-0.692914;MQSB
T	C	225	DP=72;VDB=0.920927;SGB=-0.693147;MQS
T	G	228	DP=49;VDB=0.606771;SGB=-0.693139;RPB=
T	G	225	DP=30;VDB=0.000608534;SGB=-0.692976;MQS
T	G	225	DP=37;VDB=0.954584;SGB=-0.69311;MQSB
A	C	225	DP=61;VDB=0.223426;SGB=-0.693147;MQS
T	A	225	DP=38;VDB=0.91316;SGB=-0.693097;MQSB
A	C	225	DP=42;VDB=0.0386544;SGB=-0.693136;MQS
T	G	225	DP=42;VDB=0.441929;SGB=-0.693127;MQS
T	G	225	DP=25;VDB=0.363746;SGB=-0.692067;MQS
T	G	225	DP=36;VDB=0.143899;SGB=-0.69312;MQSB
T	G	225	DP=60;VDB=0.165425;SGB=-0.693147;MQS
A	C	225	DP=38;VDB=0.998273;SGB=-0.69312;MQSB
A	C	221	DP=97;VDB=0.332518;SGB=-0.693147;MQS
T	G	228	DP=24;VDB=0.669416;SGB=-0.686358;RPB=
A	C	225	DP=29;VDB=0.991827;SGB=-0.692717;MQS
A	C	225	DP=30;VDB=0.123574;SGB=-0.693021;MQS
A	C	225	DP=29;VDB=0.012985;SGB=-0.692976;MQS
T	G	225	DP=37;VDB=0.43412;SGB=-0.693054;MQSB
T	G	225	DP=56;VDB=0.728465;SGB=-0.693144;MQS
T	G	225	DP=32;VDB=0.469591;SGB=-0.692914;MQS
A	C	225	DP=37;VDB=0.00781603;SGB=-0.693127;MQS
T	G	225	DP=51;VDB=0.882298;SGB=-0.693144;MQS
T	G	225	DP=26;VDB=0.956002;SGB=-0.692352;MQS
A	C	225	DP=24;VDB=0.00252138;SGB=-0.691153;MQS
A	C	225	DP=41;VDB=0.00149833;SGB=-0.693127;MQS
T	G	225	DP=57;VDB=0.625325;SGB=-0.693146;MQS
A	C	225	DP=51;VDB=0.0643326;SGB=-0.693139;MQS
T	G	225	DP=68;VDB=0.994771;SGB=-0.693147;MQS
T	G	225	DP=48;VDB=0.0610872;SGB=-0.693145;MQS
T	G	225	DP=29;VDB=0.353241;SGB=-0.692352;MQS
T	G	225	DP=23;VDB=0.00359259;SGB=-0.692067;MQS
T	G	225	DP=35;VDB=0.00208679;SGB=-0.693054;MQS
A	C	225	DP=33;VDB=0.0259547;SGB=-0.693097;MQS
T	G	225	DP=53;VDB=0.994076;SGB=-0.693146;MQS
A	C	225	DP=44;VDB=0.26144;SGB=-0.693127;MQSB
A	C	225	DP=34;VDB=0.0580613;SGB=-0.693079;MQS
T	G	225	DP=35;VDB=0.932581;SGB=-0.693097;MQS
T	G	228	DP=31;VDB=0.171733;SGB=-0.692976;RPB=
A	C	225	DP=19;VDB=0.395955;SGB=-0.690438;MQS
GTTCGATAAAGGCGCTGTTTC	GTTC	225	INDEL;IDV=29;IMF=0.805556;DP=36;VDB=0
A	C	225	DP=19;VDB=0.82696;SGB=-0.689466;MQSB

A	C	225	DP=22;VDB=0.996755;SGB=-0.691153;MQS
T	G	225	DP=37;VDB=0.180056;SGB=-0.693097;MQS
T	G	225	DP=22;VDB=0.0476322;SGB=-0.690438;MQ
T	G	225	DP=42;VDB=0.831808;SGB=-0.69312;MQSB
T	G	225	DP=36;VDB=0.994951;SGB=-0.69311;MQSB
A	C	225	DP=35;VDB=0.99991;SGB=-0.693054;MQSB
A	C	228	DP=33;VDB=0.10192;SGB=-0.692976;RPB=1
A	C	225	DP=28;VDB=0.316432;SGB=-0.692562;MQS
T	G	225	DP=44;VDB=0.72011;SGB=-0.693127;MQSB
A	C	225	DP=45;VDB=0.95315;SGB=-0.693136;MQSB
A	C	225	DP=34;VDB=0.250724;SGB=-0.692717;MQS
T	G	225	DP=39;VDB=0.714887;SGB=-0.693079;MQS
T	G	225	DP=37;VDB=0.279808;SGB=-0.693097;MQS
A	C	225	DP=58;VDB=0.662214;SGB=-0.693147;MQS
T	G	225	DP=46;VDB=0.639871;SGB=-0.693144;MQS
T	G	225	DP=23;VDB=0.0706396;SGB=-0.691153;MQ
A	C	225	DP=22;VDB=0.997042;SGB=-0.691153;MQS
A	C	225	DP=30;VDB=0.0863868;SGB=-0.692914;MQ
A	C	228	DP=31;VDB=0.898808;SGB=-0.693079;RPB=
T	G	225	DP=40;VDB=0.602582;SGB=-0.69311;MQSB
A	C	225	DP=23;VDB=0.735791;SGB=-0.69168;MQSB
T	G	225	DP=36;VDB=0.974872;SGB=-0.693097;MQS
A	C	228	DP=27;VDB=0.893103;SGB=-0.692562;RPB=
A	C	225	DP=24;VDB=0.928875;SGB=-0.691153;MQS
A	C	225	DP=30;VDB=0.85654;SGB=-0.692831;MQSB
A	C	225	DP=18;VDB=0.542796;SGB=-0.688148;MQS
T	G	225	DP=23;VDB=0.852078;SGB=-0.692067;MQS
A	C	225	DP=23;VDB=1.65586e-05;SGB=-0.692352;IV
T	G	225	DP=39;VDB=0.0435944;SGB=-0.693021;MQ
T	G	225	DP=29;VDB=0.11595;SGB=-0.692831;MQSB
T	G	225	DP=46;VDB=0.223396;SGB=-0.693139;MQS
T	G	225	DP=48;VDB=0.951758;SGB=-0.693144;MQS
T	G	225	DP=55;VDB=0.585509;SGB=-0.693147;MQS
T	G	225	DP=23;VDB=0.0379825;SGB=-0.690438;MQ
A	C	225	DP=29;VDB=0.910369;SGB=-0.692831;MQS
A	C	225	DP=22;VDB=0.493272;SGB=-0.69168;MQSB
T	G	225	DP=28;VDB=0.393856;SGB=-0.692717;MQS
T	G	225	DP=29;VDB=0.0847001;SGB=-0.692717;MQ
T	G	225	DP=48;VDB=0.115682;SGB=-0.693141;MQS
A	C	225	DP=41;VDB=0.144337;SGB=-0.693127;MQS
T	G	225	DP=18;VDB=0.999951;SGB=-0.689466;MQS
T	G	225	DP=48;VDB=0.239753;SGB=-0.693141;MQS
G	A	225	DP=45;VDB=0.753571;SGB=-0.69311;MQSB
T	G	225	DP=40;VDB=0.997785;SGB=-0.693143;MQS
T	G	225	DP=33;VDB=0.819541;SGB=-0.693021;MQS
A	C	225	DP=44;VDB=0.0412281;SGB=-0.693141;MQ
A	C	225	DP=25;VDB=0.0309086;SGB=-0.692562;MQ

A	C	225	DP=45;VDB=0.512053;SGB=-0.693143;MQS
T	G	225	DP=23;VDB=0.17283;SGB=-0.692352;MQSB
A	C	225	DP=31;VDB=0.989906;SGB=-0.692717;MQS
A	C	225	DP=25;VDB=0.0467083;SGB=-0.69168;MQS
T	G	225	DP=34;VDB=0.150085;SGB=-0.693054;MQS
T	G	225	DP=36;VDB=0.232442;SGB=-0.693021;MQS
A	C	225	DP=28;VDB=0.00372875;SGB=-0.692831;M
T	G	225	DP=89;VDB=0.602216;SGB=-0.693147;MQS
T	G	225	DP=64;VDB=0.27309;SGB=-0.693147;MQSB
T	G	225	DP=47;VDB=3.1738e-05;SGB=-0.693132;MQ
A	C	225	DP=38;VDB=0.240986;SGB=-0.69311;MQSB
A	C	225	DP=21;VDB=0.94061;SGB=-0.690438;MQSB
T	G	228	DP=54;VDB=0.0926903;SGB=-0.693146;RPE
T	G	225	DP=28;VDB=0.413797;SGB=-0.692067;MQS
T	G	225	DP=24;VDB=0.609073;SGB=-0.692067;MQS
T	G	225	DP=52;VDB=0.12211;SGB=-0.693145;MQSB
T	G	225	DP=37;VDB=0.0635603;SGB=-0.69312;MQS
T	G	225	DP=32;VDB=0.907199;SGB=-0.693097;MQS
A	C	225	DP=42;VDB=0.739376;SGB=-0.693097;MQS
A	C	228	DP=65;VDB=0.267222;SGB=-0.693147;RPB=
T	G	225	DP=20;VDB=0.876291;SGB=-0.690438;MQS
A	C	225	DP=25;VDB=0.980305;SGB=-0.692352;MQS
T	G	225	DP=31;VDB=0.364086;SGB=-0.692717;MQS
A	C	225	DP=45;VDB=0.661692;SGB=-0.693136;MQS
A	C	225	DP=20;VDB=0.0194315;SGB=-0.689466;MQ
T	G	225	DP=20;VDB=0.0172787;SGB=-0.691153;MQ
A	C	225	DP=16;VDB=0.931625;SGB=-0.688148;MQS
T	G	225	DP=21;VDB=0.0483828;SGB=-0.691153;MQ
A	C	225	DP=72;VDB=0.89235;SGB=-0.693147;MQSB
T	G	225	DP=23;VDB=0.963191;SGB=-0.692067;MQS
A	C	225	DP=22;VDB=0.217281;SGB=-0.689466;MQS
A	C	225	DP=25;VDB=0.0744672;SGB=-0.692352;MQ
A	C	225	DP=17;VDB=0.203023;SGB=-0.683931;MQS
A	C	225	DP=33;VDB=0.159097;SGB=-0.693079;MQS
A	C	225	DP=25;VDB=0.0320768;SGB=-0.69168;MQS
T	G	225	DP=42;VDB=0.999998;SGB=-0.693127;MQS
A	C	225	DP=55;VDB=0.186798;SGB=-0.693147;MQS
T	G	225	DP=46;VDB=0.110606;SGB=-0.693132;MQS
T	G	225	DP=33;VDB=0.999982;SGB=-0.693097;MQS
A	C	225	DP=44;VDB=0.0175105;SGB=-0.693132;MQ
A	C	225	DP=28;VDB=0.10554;SGB=-0.692976;MQSB
A	C	225	DP=37;VDB=0.976481;SGB=-0.693127;MQS
T	G	225	DP=26;VDB=0.172396;SGB=-0.692562;MQS
A	C	225	DP=42;VDB=0.296205;SGB=-0.693136;MQS
A	C	225	DP=30;VDB=0.621677;SGB=-0.692976;MQS
T	G	225	DP=40;VDB=0.823273;SGB=-0.69312;MQSB
A	C	225	DP=63;VDB=0.0403434;SGB=-0.693147;MQ

A	C	225	DP=30;VDB=0.113713;SGB=-0.692562;MQS
A	C	225	DP=24;VDB=0.646472;SGB=-0.691153;MQS
T	G	225	DP=36;VDB=0.2181;SGB=-0.693079;MQSB=
A	C	225	DP=38;VDB=0.973454;SGB=-0.693021;MQS
T	C	225	DP=24;VDB=0.924716;SGB=-0.690438;MQS
G	A	225	DP=35;VDB=0.353697;SGB=-0.693127;MQS
G	A	225	DP=39;VDB=0.89541;SGB=-0.693054;MQSB
C	G	225	DP=21;VDB=0.855505;SGB=-0.690438;MQS
C	T	225	DP=68;VDB=0.999927;SGB=-0.693147;MQS
T	G	225	DP=18;VDB=0.186543;SGB=-0.686358;MQS
G	A	225	DP=54;VDB=0.999727;SGB=-0.693146;MQS
GC	GCAGGCTCAGTGCC	228	INDEL;IDV=1;IMF=0.0138889;DP=72;VDB=0
GAGGATGT	G	228	INDEL;IDV=1;IMF=0.00813008;DP=123;VDB
C	T	225	DP=85;VDB=0.0399652;SGB=-0.693147;MQ
GAGGATGT	G	228	INDEL;IDV=1;IMF=0.0149254;DP=67;VDB=0
GC	GCAGGCTCAGTGCC	228	INDEL;IDV=1;IMF=0.016129;DP=62;VDB=0.9
T	C	225	DP=31;VDB=0.963383;SGB=-0.693079;MQS
A	T	225	DP=50;VDB=0.862593;SGB=-0.693146;MQS
G	A	225	DP=70;VDB=0.999996;SGB=-0.693147;MQS
C	T	225	DP=22;VDB=0.00626608;SGB=-0.692067;M
T	G	225	DP=60;VDB=0.694069;SGB=-0.693147;MQS
G	A	228	DP=52;VDB=0.200803;SGB=-0.693145;RPB=
G	C	225	DP=48;VDB=0.970952;SGB=-0.693139;MQS
G	C	225	DP=52;VDB=0.0493043;SGB=-0.693146;MQ
CTGC	CTGCTCCTGCACGTGC	206	INDEL;IDV=1;IMF=0.027027;DP=37;VDB=0.9
G	A	225	DP=89;VDB=0.997229;SGB=-0.693147;MQS
G	A	222	DP=107;VDB=0.0424235;SGB=-0.693144;RP
C	A	222	DP=133;VDB=0.026148;SGB=-0.693147;RPE
A	G	222	DP=147;VDB=0.0202315;SGB=-0.693147;RP
C	T	225	DP=60;VDB=0.260742;SGB=-0.693147;MQS
A	G	222	DP=136;VDB=0.168026;SGB=-0.693147;RPE
C	T	221	DP=115;VDB=0.000465224;SGB=-0.693147;
G	A	208	DP=57;VDB=0.058069;SGB=-0.692067;RPB=
C	T	228	DP=69;VDB=0.136874;SGB=-0.693147;RPB=
C	A	228	DP=76;VDB=0.705204;SGB=-0.693147;RPB=
G	A	228	DP=83;VDB=0.971984;SGB=-0.693147;RPB=
G	C	201	DP=106;VDB=0.21311;SGB=-0.693136;RPB=
G	T	222	DP=93;VDB=0.576259;SGB=-0.693146;RPB=
G	A	222	DP=139;VDB=0.86438;SGB=-0.693147;RPB=
T	G	222	DP=141;VDB=0.815053;SGB=-0.693147;RPE
C	T	222	DP=143;VDB=0.908098;SGB=-0.693147;RPE
A	G	222	DP=121;VDB=0.111269;SGB=-0.693147;RPE
C	A	222	DP=135;VDB=0.115045;SGB=-0.693147;RPE
G	T	222	DP=138;VDB=0.214072;SGB=-0.693147;RPE
T	G	222	DP=95;VDB=0.965421;SGB=-0.69312;RPB=C
G	T	205	DP=111;VDB=0.0227038;SGB=-0.693147;RP
T	C	222	DP=115;VDB=0.00210617;SGB=-0.693147;R

T	C	222	DP=115;VDB=0.00936815;SGB=-0.693147;R
C	T	222	DP=92;VDB=0.2938;SGB=-0.693147;RPB=0.
C	T	222	DP=91;VDB=0.00254993;SGB=-0.693146;RP
T	C	222	DP=78;VDB=0.0067536;SGB=-0.693141;RPE
A	C	222	DP=78;VDB=0.29054;SGB=-0.693132;RPB=C
T	C	222	DP=74;VDB=0.287865;SGB=-0.693127;RPB=
C	T	201	DP=70;VDB=0.413447;SGB=-0.693021;RPB=
T	G	222	DP=147;VDB=0.891549;SGB=-0.693147;RPE
T	C	222	DP=125;VDB=0.849082;SGB=-0.693147;RPE
A	G	222	DP=145;VDB=0.0242499;SGB=-0.693147;RP
G	A	222	DP=181;VDB=0.920923;SGB=-0.693147;RPE
T	G	219	DP=56;VDB=0.720674;SGB=-0.690438;RPB=
T	C	222	DP=70;VDB=0.348304;SGB=-0.692717;RPB=
A	G	220	DP=137;VDB=0.068238;SGB=-0.69311;RPB=
C	T	222	DP=147;VDB=0.885199;SGB=-0.693144;RPE
G	A	222	DP=149;VDB=0.94056;SGB=-0.693145;RPB=
G	A	222	DP=146;VDB=0.116823;SGB=-0.693132;RPE
G	A	222	DP=73;VDB=0.266622;SGB=-0.693054;RPB=
G	C	222	DP=131;VDB=0.397528;SGB=-0.693146;RPE
T	C	222	DP=159;VDB=0.99841;SGB=-0.693147;RPB=
G	T	222	DP=158;VDB=0.127985;SGB=-0.693147;RPE
C	T	222	DP=173;VDB=0.00623109;SGB=-0.693147;R
G	T	222	DP=173;VDB=0.00782682;SGB=-0.693147;R
T	C	222	DP=174;VDB=0.00668361;SGB=-0.693147;R
C	T	222	DP=157;VDB=0.317905;SGB=-0.693147;RPE
G	A	222	DP=181;VDB=0.857164;SGB=-0.693147;RPE
A	C	222	DP=196;VDB=2.93815e-05;SGB=-0.693147;I
A	G	222	DP=230;VDB=0.321368;SGB=-0.693147;RPE
G	A	222	DP=224;VDB=0.885644;SGB=-0.693147;RPE
A	G	222	DP=233;VDB=0.866024;SGB=-0.693147;RPE
G	A	222	DP=236;VDB=0.896151;SGB=-0.693147;RPE
C	G	222	DP=235;VDB=0.901529;SGB=-0.693147;RPE
A	G	222	DP=255;VDB=0.829331;SGB=-0.693147;RPE
C	T	222	DP=260;VDB=0.822203;SGB=-0.693147;RPE
G	A	222	DP=256;VDB=0.822405;SGB=-0.693147;RPE
C	G	222	DP=262;VDB=0.923693;SGB=-0.693147;RPE
G	A	222	DP=208;VDB=0.857302;SGB=-0.693147;RPE
G	A	222	DP=193;VDB=0.173436;SGB=-0.693147;RPE
G	A	222	DP=162;VDB=0.834845;SGB=-0.693147;RPE
A	C	222	DP=167;VDB=0.398581;SGB=-0.693147;RPE
T	C	222	DP=138;VDB=0.00087994;SGB=-0.693147;R
A	G	222	DP=217;VDB=0.814937;SGB=-0.693147;RPE
T	C	222	DP=227;VDB=1;SGB=-0.693147;RPB=0.0446
G	A	222	DP=220;VDB=1;SGB=-0.693147;RPB=0.1703
G	A	222	DP=139;VDB=0.917949;SGB=-0.693147;RPE
A	G	222	DP=244;VDB=0.999509;SGB=-0.693147;RPE
A	G	222	DP=200;VDB=0.213178;SGB=-0.693147;RPE

C	T	222	DP=210;VDB=0.667809;SGB=-0.693147;RPE
G	A	222	DP=206;VDB=0.555471;SGB=-0.693147;RPE
C	T	222	DP=193;VDB=0.00194073;SGB=-0.693147;R
T	C	222	DP=181;VDB=0.00138384;SGB=-0.693147;R
T	C	222	DP=179;VDB=0.0012406;SGB=-0.693147;RF
A	G	222	DP=75;VDB=0.240605;SGB=-0.693139;RPB=
T	C	222	DP=85;VDB=0.195226;SGB=-0.693141;RPB=
G	A	207	DP=102;VDB=0.458195;SGB=-0.693143;RPE
G	A	222	DP=115;VDB=0.9502;SGB=-0.693144;RPB=C
A	G	222	DP=111;VDB=0.953126;SGB=-0.693144;RPE
A	G	222	DP=109;VDB=0.985119;SGB=-0.693132;RPE
G	T	222	DP=122;VDB=0.428105;SGB=-0.693146;RPE
T	G	222	DP=139;VDB=0.36521;SGB=-0.693132;RPB=
G	A	222	DP=169;VDB=0.14497;SGB=-0.693147;RPB=
T	C	222	DP=152;VDB=0.401314;SGB=-0.693147;RPE
A	G	222	DP=154;VDB=0.104694;SGB=-0.693147;RPE
A	G	222	DP=146;VDB=0.0243032;SGB=-0.693147;RF
C	T	222	DP=138;VDB=0.125619;SGB=-0.693147;RPE
G	A	225	DP=74;VDB=0.740956;SGB=-0.693147;MQS
G	A	217	DP=98;VDB=0.000118017;SGB=-0.693097;R
C	A	222	DP=122;VDB=0.987935;SGB=-0.693147;RPE
A	G	222	DP=136;VDB=0.0388082;SGB=-0.693147;RF
G	A	228	DP=57;VDB=0.350769;SGB=-0.693145;RPB=
G	T	222	DP=87;VDB=0.854999;SGB=-0.693145;RPB=
A	T	205	DP=76;VDB=0.994175;SGB=-0.693136;RPB=
T	G	202	DP=78;VDB=0.996628;SGB=-0.693136;RPB=
T	A	222	DP=77;VDB=0.984118;SGB=-0.693127;RPB=
A	G	222	DP=75;VDB=0.444003;SGB=-0.69312;RPB=C
C	A	225	DP=59;VDB=0.996978;SGB=-0.693147;MQS
G	A	221	DP=84;VDB=0.970222;SGB=-0.693145;RPB=
T	G	222	DP=87;VDB=0.937971;SGB=-0.693145;RPB=
C	T	222	DP=93;VDB=0.991109;SGB=-0.693146;RPB=
A	G	222	DP=89;VDB=0.5589;SGB=-0.693145;RPB=0..
C	A	222	DP=95;VDB=0.325946;SGB=-0.693145;RPB=
G	T	222	DP=97;VDB=0.668415;SGB=-0.693146;RPB=
T	G	222	DP=103;VDB=0.107972;SGB=-0.693021;RPE
A	G	210	DP=95;VDB=0.637268;SGB=-0.693145;RPB=
G	T	209	DP=95;VDB=0.636307;SGB=-0.693145;RPB=
C	T	220	DP=82;VDB=0.209904;SGB=-0.692976;RPB=
T	G	222	DP=154;VDB=0.352819;SGB=-0.693147;RPE
T	C	222	DP=118;VDB=0.76409;SGB=-0.693147;RPB=
A	G	222	DP=142;VDB=0.273684;SGB=-0.693147;RPE
G	A	222	DP=131;VDB=0.878599;SGB=-0.693147;RPE
T	G	222	DP=60;VDB=0.0394841;SGB=-0.692976;RPE
C	T	222	DP=59;VDB=0.0388039;SGB=-0.692976;RPE
G	A	222	DP=59;VDB=0.039228;SGB=-0.692976;RPB=
T	C	222	DP=71;VDB=0.133942;SGB=-0.693021;RPB=

A	G	222	DP=104;VDB=0.871169;SGB=-0.693145;RPE
C	T	222	DP=100;VDB=0.0547021;SGB=-0.693147;RF
G	A	222	DP=106;VDB=0.573748;SGB=-0.693147;RPE
G	A	222	DP=109;VDB=0.310811;SGB=-0.693147;RPE
G	A	222	DP=60;VDB=0.787503;SGB=-0.693054;RPB=
G	C	221	DP=93;VDB=0.788326;SGB=-0.693132;RPB=
C	T	214	DP=130;VDB=0.037456;SGB=-0.693145;RPE
G	T	217	DP=130;VDB=0.0378976;SGB=-0.693145;RF
T	C	207	DP=130;VDB=0.0379867;SGB=-0.693145;RF
C	T	222	DP=120;VDB=0.81748;SGB=-0.693147;RPB=
G	A	222	DP=130;VDB=0.958064;SGB=-0.693147;RPE
A	C	222	DP=147;VDB=0.00835926;SGB=-0.693147;R
A	G	222	DP=143;VDB=0.879981;SGB=-0.693147;RPE
G	A	222	DP=144;VDB=0.26788;SGB=-0.693147;RPB=
A	G	222	DP=149;VDB=0.366356;SGB=-0.693147;RPE
G	A	222	DP=145;VDB=0.288523;SGB=-0.693147;RPE
C	G	222	DP=147;VDB=0.374157;SGB=-0.693147;RPE
A	G	222	DP=143;VDB=0.0530332;SGB=-0.693147;RF
C	T	222	DP=147;VDB=0.0578705;SGB=-0.693147;RF
G	A	222	DP=141;VDB=0.0530797;SGB=-0.693147;RF
C	G	222	DP=146;VDB=0.369825;SGB=-0.693147;RPE
G	A	222	DP=147;VDB=0.111666;SGB=-0.693147;RPE
G	A	222	DP=135;VDB=0.397065;SGB=-0.693146;RPE
G	A	222	DP=122;VDB=0.515919;SGB=-0.693143;RPE
A	C	222	DP=123;VDB=0.000221149;SGB=-0.693147;
T	C	222	DP=63;VDB=0.000794803;SGB=-0.692717;R
A	G	222	DP=178;VDB=0.0469429;SGB=-0.693147;RF
T	C	222	DP=150;VDB=0.999988;SGB=-0.693147;RPE
G	A	222	DP=146;VDB=0.999974;SGB=-0.693147;RPE
G	A	222	DP=100;VDB=0.841242;SGB=-0.693127;RPE
A	G	222	DP=182;VDB=0.999434;SGB=-0.693147;RPE
A	G	222	DP=156;VDB=0.0238046;SGB=-0.693147;RF
C	T	222	DP=181;VDB=0.97644;SGB=-0.693147;RPB=
G	A	222	DP=168;VDB=0.329211;SGB=-0.693147;RPE
C	T	222	DP=152;VDB=0.199308;SGB=-0.693147;RPE
T	C	222	DP=132;VDB=0.237445;SGB=-0.693147;RPE
T	C	222	DP=132;VDB=0.250416;SGB=-0.693147;RPE
A	G	221	DP=54;VDB=0.309416;SGB=-0.691153;RPB=
A	G	222	DP=116;VDB=0.337798;SGB=-0.693147;RPE
G	T	222	DP=139;VDB=0.93509;SGB=-0.693147;RPB=
T	G	222	DP=115;VDB=0.911054;SGB=-0.693147;RPE
G	A	222	DP=152;VDB=0.000315234;SGB=-0.693147;
T	C	222	DP=116;VDB=0.154762;SGB=-0.693147;RPE
A	G	222	DP=122;VDB=0.0248573;SGB=-0.693147;RF
A	G	222	DP=121;VDB=0.0311897;SGB=-0.693147;RF
C	T	222	DP=115;VDB=0.0202421;SGB=-0.693147;RF
T	A	225	DP=115;VDB=0.999216;SGB=-0.693147;MQ

ATCTC	ATCTCTC	222	INDEL;IDV=71;IMF=0.533835;DP=133;VDB=
A	C	225	DP=96;VDB=0.954469;SGB=-0.693147;MQS
T	G	225	DP=97;VDB=0.0701021;SGB=-0.693147;MQ
AACGACCACGAC	AACGACCACGACCACGAC	228	INDEL;IDV=106;IMF=0.854839;DP=124;VDB
C	T	228	DP=107;VDB=0.376214;SGB=-0.693147;RPE
T	G	225	DP=89;VDB=0.703983;SGB=-0.693147;MQS
C	A	222	DP=176;VDB=0.922957;SGB=-0.693147;RPE
A	G	222	DP=189;VDB=0.0141022;SGB=-0.693147;RF
A	G	221	DP=135;VDB=2.78096e-05;SGB=-0.693147;I
A	G	222	DP=140;VDB=2.36463e-05;SGB=-0.693147;I
G	T	222	DP=129;VDB=3.92158e-05;SGB=-0.693147;I
G	A	205	DP=130;VDB=3.56346e-05;SGB=-0.693147;I
A	G	207	DP=124;VDB=3.10799e-05;SGB=-0.693147;I
C	T	202	DP=125;VDB=0.000237492;SGB=-0.693147;
G	A	225	DP=38;VDB=0.250379;SGB=-0.69312;MQSB
C	T	222	DP=74;VDB=0.234724;SGB=-0.693021;RPB=
C	T	228	DP=93;VDB=0.870442;SGB=-0.693147;RPB=
C	A	228	DP=107;VDB=0.968576;SGB=-0.693147;RPE
G	A	228	DP=107;VDB=0.430355;SGB=-0.693147;RPE
C	T	201	DP=109;VDB=0.0844034;SGB=-0.693147;RF
G	C	222	DP=123;VDB=0.158031;SGB=-0.693147;RPE
G	T	222	DP=134;VDB=0.242245;SGB=-0.693147;RPE
G	A	222	DP=137;VDB=0.82435;SGB=-0.693147;RPB=
T	C	217	DP=132;VDB=0.00834269;SGB=-0.693147;R
A	G	222	DP=133;VDB=0.238827;SGB=-0.693147;RPE
T	A	201	DP=95;VDB=0.596409;SGB=-0.693143;RPB=
A	G	222	DP=92;VDB=0.971452;SGB=-0.693143;RPB=
C	T	204	DP=167;VDB=0.0361733;SGB=-0.693146;RF
C	T	225	DP=83;VDB=0.555292;SGB=-0.693147;MQS
G	A	221	DP=139;VDB=0.714651;SGB=-0.693147;RPE
T	G	221	DP=143;VDB=0.768363;SGB=-0.693147;RPE
C	T	221	DP=146;VDB=0.938848;SGB=-0.693147;RPE
A	G	221	DP=130;VDB=0.246728;SGB=-0.693147;RPE
C	A	221	DP=138;VDB=0.329597;SGB=-0.693147;RPE
G	T	221	DP=144;VDB=0.649231;SGB=-0.693147;RPE
T	G	222	DP=125;VDB=0.713555;SGB=-0.693139;RPE
G	A	209	DP=106;VDB=0.0154157;SGB=-0.693021;RF
C	T	222	DP=141;VDB=0.271802;SGB=-0.693147;RPE
C	T	222	DP=117;VDB=0.00321388;SGB=-0.693146;R
T	C	218	DP=103;VDB=0.00495275;SGB=-0.693132;R
T	G	222	DP=225;VDB=0.994165;SGB=-0.693147;RPE
T	C	222	DP=139;VDB=0.863863;SGB=-0.693147;RPE
A	G	222	DP=201;VDB=0.740658;SGB=-0.693147;RPE
G	A	222	DP=224;VDB=0.00429046;SGB=-0.693147;R
T	G	222	DP=75;VDB=0.334254;SGB=-0.693021;RPB=
C	T	222	DP=67;VDB=0.144949;SGB=-0.692562;RPB=
G	A	216	DP=67;VDB=0.131345;SGB=-0.692562;RPB=



T	C	222	DP=84;VDB=0.00481931;SGB=-0.693132;RF
A	G	222	DP=172;VDB=0.922149;SGB=-0.693147;RPE
C	T	222	DP=190;VDB=0.0144445;SGB=-0.693147;RF
G	A	222	DP=198;VDB=0.0614552;SGB=-0.693147;RF
G	A	222	DP=194;VDB=0.86771;SGB=-0.693147;RPB=
G	A	222	DP=92;VDB=0.752486;SGB=-0.693079;RPB=
T	C	222	DP=164;VDB=0.844296;SGB=-0.693147;RPE
G	T	222	DP=166;VDB=0.314081;SGB=-0.693147;RPE
C	T	222	DP=185;VDB=0.335386;SGB=-0.693147;RPE
G	T	222	DP=187;VDB=0.287974;SGB=-0.693147;RPE
T	C	222	DP=188;VDB=0.257922;SGB=-0.693147;RPE
C	T	222	DP=208;VDB=0.724333;SGB=-0.693147;RPE
G	A	222	DP=219;VDB=0.445169;SGB=-0.693147;RPE
A	C	222	DP=203;VDB=0.0469107;SGB=-0.693147;RF
A	G	222	DP=266;VDB=0.880426;SGB=-0.693147;RPE
G	A	222	DP=240;VDB=0.658525;SGB=-0.693147;RPE
A	G	222	DP=242;VDB=0.798885;SGB=-0.693147;RPE
G	A	222	DP=246;VDB=0.824104;SGB=-0.693147;RPE
C	G	222	DP=247;VDB=0.866234;SGB=-0.693147;RPE
A	G	220	DP=247;VDB=0.264148;SGB=-0.693147;RPE
C	T	212	DP=248;VDB=0.252551;SGB=-0.693147;RPE
G	A	222	DP=228;VDB=0.264058;SGB=-0.693147;RPE
C	G	222	DP=240;VDB=0.943768;SGB=-0.693147;RPE
G	A	222	DP=223;VDB=0.935902;SGB=-0.693147;RPE
G	A	222	DP=216;VDB=0.191236;SGB=-0.693147;RPE
G	A	222	DP=199;VDB=0.362663;SGB=-0.693147;RPE
A	C	222	DP=218;VDB=0.00276192;SGB=-0.693147;R
T	C	222	DP=161;VDB=1.66856e-07;SGB=-0.693147;I
A	G	222	DP=180;VDB=0.0213379;SGB=-0.693147;RF
T	C	222	DP=214;VDB=1;SGB=-0.693147;RPB=0.771C
G	A	222	DP=207;VDB=0.999999;SGB=-0.693147;RPE
G	A	222	DP=172;VDB=0.887989;SGB=-0.693147;RPE
A	G	222	DP=259;VDB=0.999739;SGB=-0.693147;RPE
A	G	222	DP=247;VDB=0.000439061;SGB=-0.693147;
C	T	222	DP=251;VDB=0.0351706;SGB=-0.693147;RF
G	A	222	DP=243;VDB=0.779569;SGB=-0.693147;RPE
C	T	222	DP=229;VDB=0.115291;SGB=-0.693147;RPE
T	C	222	DP=218;VDB=0.340885;SGB=-0.693147;RPE
T	C	222	DP=214;VDB=0.32048;SGB=-0.693147;RPB=
A	G	222	DP=91;VDB=0.015487;SGB=-0.693127;RPB=
T	C	222	DP=81;VDB=0.0164774;SGB=-0.693145;RPE
G	A	222	DP=143;VDB=0.433343;SGB=-0.693147;RPE
A	G	222	DP=143;VDB=0.855287;SGB=-0.693147;RPE
A	G	222	DP=172;VDB=0.231076;SGB=-0.693147;RPE
G	T	222	DP=204;VDB=0.970769;SGB=-0.693147;RPE
T	G	222	DP=162;VDB=0.840551;SGB=-0.693147;RPE
G	A	222	DP=218;VDB=0.000112638;SGB=-0.693147;

T	C	222	DP=191;VDB=0.0500663;SGB=-0.693147;RF
A	G	222	DP=209;VDB=0.0419855;SGB=-0.693147;RF
A	G	222	DP=202;VDB=0.0384053;SGB=-0.693147;RF
C	T	222	DP=197;VDB=0.026767;SGB=-0.693147;RPE
A	G	203	DP=85;VDB=0.990174;SGB=-0.693054;RPB=
G	A	228	DP=27;VDB=0.873103;SGB=-0.69168;RPB=C
T	G	228	DP=26;VDB=0.89413;SGB=-0.69168;RPB=0.!
C	T	228	DP=26;VDB=0.948809;SGB=-0.692067;RPB=
T	G	222	DP=39;VDB=0.806681;SGB=-0.690438;RPB=
G	A	207	DP=25;VDB=0.391706;SGB=-0.680642;RPB=
C	T	218	DP=36;VDB=0.341481;SGB=-0.688148;RPB=
G	A	212	DP=35;VDB=0.935717;SGB=-0.689466;RPB=
A	G	203	DP=34;VDB=0.775517;SGB=-0.688148;RPB=
C	G	222	DP=32;VDB=0.990053;SGB=-0.690438;RPB=
G	A	222	DP=46;VDB=0.975291;SGB=-0.691153;RPB=
G	A	222	DP=41;VDB=0.00184006;SGB=-0.688148;RF
T	C	222	DP=45;VDB=0.999999;SGB=-0.692352;RPB=
A	G	201	DP=34;VDB=0.281337;SGB=-0.686358;RPB=
G	A	210	DP=49;VDB=0.488396;SGB=-0.690438;RPB=
C	T	222	DP=37;VDB=0.111728;SGB=-0.686358;RPB=
T	C	215	DP=33;VDB=0.173624;SGB=-0.683931;RPB=
T	C	218	DP=33;VDB=0.170695;SGB=-0.683931;RPB=
A	G	225	DP=20;VDB=0.876905;SGB=-0.691153;MQS
T	C	225	DP=60;VDB=0.838088;SGB=-0.693146;MQS
C	T	225	DP=64;VDB=0.0283895;SGB=-0.693147;MQ
G	C	225	DP=58;VDB=0.954452;SGB=-0.693147;MQS
A	G	225	DP=85;VDB=0.0293544;SGB=-0.693147;MQ
G	A	225	DP=61;VDB=0.994877;SGB=-0.693147;MQS
T	C	225	DP=105;VDB=0.188304;SGB=-0.693147;MQ
G	T	225	DP=95;VDB=0.835954;SGB=-0.693147;MQS
T	C	225	DP=46;VDB=0.091259;SGB=-0.693144;MQS
C	T	228	DP=53;VDB=0.104843;SGB=-0.693147;RPB=
C	A	225	DP=53;VDB=5.43563e-10;SGB=-0.693147;IV
T	C	225	DP=55;VDB=0.942397;SGB=-0.693141;MQS
CATTTATA	CA	228	INDEL;IDV=27;IMF=0.9;DP=30;VDB=0.07826
G	T	225	DP=83;VDB=0.28931;SGB=-0.693147;MQSB
T	G	225	DP=32;VDB=0.993496;SGB=-0.693021;MQS
G	A	225	DP=24;VDB=0.744127;SGB=-0.69168;MQSB
C	T	225	DP=98;VDB=0.0194817;SGB=-0.693147;MQ
CAA	CA	228	INDEL;IDV=117;IMF=0.959016;DP=122;VDB
G	A	225	DP=40;VDB=0.976388;SGB=-0.693079;MQS
T	C	225	DP=47;VDB=0.468738;SGB=-0.693097;MQS
TGTG	TGTGCAGGATGTG	207	INDEL;IDV=3;IMF=0.0245902;DP=122;VDB=
G	A	204	DP=102;VDB=0.515793;SGB=-0.692831;RPE
A	C	222	DP=112;VDB=0.734835;SGB=-0.692914;RPE
T	C	209	DP=104;VDB=0.0174188;SGB=-0.692562;RF
G	A	217	DP=102;VDB=0.0359175;SGB=-0.692717;RF

A	G	222	DP=80;VDB=0.870911;SGB=-0.692717;RPB=
T	A	214	DP=100;VDB=0.225916;SGB=-0.692831;RPE
C	T	221	DP=90;VDB=0.311556;SGB=-0.692976;RPB=
T	C	203	DP=126;VDB=0.738769;SGB=-0.693079;RPE
G	A	216	DP=65;VDB=0.910715;SGB=-0.69168;RPB=C
C	A	213	DP=83;VDB=0.925359;SGB=-0.692067;RPB=
G	A	211	DP=82;VDB=0.890455;SGB=-0.692067;RPB=
C	T	214	DP=51;VDB=0.570466;SGB=-0.690438;RPB=
T	C	202	DP=59;VDB=0.213544;SGB=-0.686358;RPB=
G	A	222	DP=99;VDB=0.837119;SGB=-0.692976;RPB=
T	G	222	DP=102;VDB=0.0156353;SGB=-0.692831;R
G	T	216	DP=70;VDB=0.143887;SGB=-0.691153;RPB=
C	T	208	DP=51;VDB=0.197212;SGB=-0.689466;RPB=
G	A	203	DP=46;VDB=0.197212;SGB=-0.689466;RPB=
G	A	204	DP=46;VDB=0.0818907;SGB=-0.688148;RPE
A	G	207	DP=93;VDB=0.833664;SGB=-0.692352;RPB=
A	G	208	DP=78;VDB=0.884112;SGB=-0.69168;RPB=C
G	A	210	DP=66;VDB=0.269297;SGB=-0.690438;RPB=
T	G	221	DP=98;VDB=0.212444;SGB=-0.692717;RPB=
G	A	211	DP=84;VDB=0.538306;SGB=-0.692831;RPB=
G	C	208	DP=88;VDB=0.617599;SGB=-0.692717;RPB=
C	T	202	DP=88;VDB=0.622973;SGB=-0.692717;RPB=
A	C	211	DP=83;VDB=0.966315;SGB=-0.692352;RPB=
C	A	221	DP=65;VDB=0.79357;SGB=-0.693139;RPB=C
A	G	206	DP=111;VDB=0.00689279;SGB=-0.693021;R
A	T	203	DP=48;VDB=0.999703;SGB=-0.688148;RPB=
C	T	222	DP=72;VDB=0.000959049;SGB=-0.692717;R
C	T	208	DP=78;VDB=0.0113797;SGB=-0.692067;RPE
T	C	222	DP=111;VDB=0.230725;SGB=-0.692976;RPE
C	G	221	DP=114;VDB=0.557804;SGB=-0.693021;RPE
A	G	205	DP=85;VDB=0.0430121;SGB=-0.692717;RPE
T	C	206	DP=90;VDB=0.359757;SGB=-0.692717;RPB=
C	T	215	DP=90;VDB=0.338863;SGB=-0.692717;RPB=
C	T	215	DP=108;VDB=0.936189;SGB=-0.692914;RPE
G	C	207	DP=70;VDB=0.57943;SGB=-0.691153;RPB=C
C	A	205	DP=92;VDB=0.0618394;SGB=-0.69168;RPB=
C	T	222	DP=59;VDB=0.278006;SGB=-0.691153;RPB=
A	G	222	DP=56;VDB=0.703086;SGB=-0.691153;RPB=
A	G	221	DP=138;VDB=0.129745;SGB=-0.693097;RPE
C	T	210	DP=65;VDB=0.62903;SGB=-0.691153;RPB=C
A	G	208	DP=69;VDB=0.165509;SGB=-0.690438;RPB=
C	T	203	DP=112;VDB=0.520108;SGB=-0.693021;RPE
C	T	216	DP=75;VDB=0.997548;SGB=-0.69168;RPB=C
C	T	208	DP=61;VDB=0.31958;SGB=-0.691153;RPB=C
T	G	202	DP=82;VDB=0.900897;SGB=-0.692562;RPB=
C	T	202	DP=64;VDB=0.297823;SGB=-0.690438;RPB=
T	C	207	DP=69;VDB=0.301135;SGB=-0.692067;RPB=

C	T	205	DP=68;VDB=0.45356;SGB=-0.692067;RPB=C
A	G	222	DP=85;VDB=0.528439;SGB=-0.692352;RPB=
G	A	222	DP=85;VDB=0.457223;SGB=-0.692562;RPB=
A	C	205	DP=84;VDB=0.792507;SGB=-0.692067;RPB=
T	C	207	DP=100;VDB=0.89019;SGB=-0.692831;RPB=
C	T	204	DP=106;VDB=0.588474;SGB=-0.693021;RPE
T	G	216	DP=105;VDB=0.433648;SGB=-0.692976;RPE
T	C	219	DP=44;VDB=0.643937;SGB=-0.686358;RPB=
C	T	220	DP=77;VDB=0.735046;SGB=-0.691153;RPB=
T	G	207	DP=73;VDB=0.0509236;SGB=-0.692914;RPE
T	A	206	DP=70;VDB=0.000191131;SGB=-0.692562;R
A	C	206	DP=67;VDB=0.96932;SGB=-0.690438;RPB=C
C	A	213	DP=95;VDB=0.99997;SGB=-0.692976;RPB=C
G	A	213	DP=59;VDB=0.00508626;SGB=-0.692067;RF
C	A	219	DP=57;VDB=0.0436698;SGB=-0.692352;RPE
C	T	215	DP=130;VDB=0.0518735;SGB=-0.693079;RF
G	A	218	DP=84;VDB=0.812763;SGB=-0.692831;RPB=
C	T	209	DP=81;VDB=0.612295;SGB=-0.692352;RPB=
G	A	218	DP=98;VDB=0.0443552;SGB=-0.692831;RPE
A	G	202	DP=64;VDB=0.730036;SGB=-0.692067;RPB=
A	G	218	DP=64;VDB=0.578307;SGB=-0.692067;RPB=
A	G	203	DP=58;VDB=0.445386;SGB=-0.69168;RPB=C
T	C	222	DP=61;VDB=0.858789;SGB=-0.692562;RPB=
T	C	205	DP=89;VDB=0.140754;SGB=-0.69168;RPB=C
A	G	205	DP=68;VDB=0.291054;SGB=-0.692717;RPB=
C	A	222	DP=78;VDB=0.975322;SGB=-0.692562;RPB=
C	A	222	DP=80;VDB=0.580795;SGB=-0.692562;RPB=
C	T	222	DP=82;VDB=0.65089;SGB=-0.692717;RPB=C
A	T	204	DP=77;VDB=0.0864827;SGB=-0.692067;RPE
T	C	202	DP=61;VDB=0.387204;SGB=-0.688148;RPB=
C	T	201	DP=30;VDB=0.652509;SGB=-0.680642;RPB=
T	C	217	DP=74;VDB=0.439679;SGB=-0.69168;RPB=C
A	T	216	DP=74;VDB=0.777079;SGB=-0.691153;RPB=
C	A	204	DP=71;VDB=0.708405;SGB=-0.690438;RPB=
G	A	209	DP=62;VDB=0.435229;SGB=-0.689466;RPB=
T	C	202	DP=57;VDB=0.0496732;SGB=-0.688148;RPE
T	A	210	DP=93;VDB=0.111567;SGB=-0.692562;RPB=
C	T	222	DP=64;VDB=0.685519;SGB=-0.691153;RPB=
G	T	213	DP=69;VDB=0.385174;SGB=-0.690438;RPB=
C	A	208	DP=109;VDB=0.233649;SGB=-0.692914;RPE
C	T	207	DP=105;VDB=0.227048;SGB=-0.692914;RPE
G	A	202	DP=104;VDB=0.168583;SGB=-0.692831;RPE
A	G	216	DP=105;VDB=0.299084;SGB=-0.692914;RPE
C	A	222	DP=113;VDB=0.849937;SGB=-0.693136;RPE
G	C	222	DP=105;VDB=0.00110835;SGB=-0.693054;R
G	C	201	DP=91;VDB=0.915703;SGB=-0.692067;RPB=
A	G	222	DP=125;VDB=0.785115;SGB=-0.693127;RPE

C	T	211	DP=70;VDB=0.253297;SGB=-0.69168;RPB=C
G	A	222	DP=78;VDB=0.370853;SGB=-0.692717;RPB=
C	A	208	DP=64;VDB=0.940893;SGB=-0.691153;RPB=
T	C	202	DP=74;VDB=0.817288;SGB=-0.69168;RPB=C
C	T	222	DP=64;VDB=0.847357;SGB=-0.692067;RPB=
T	C	222	DP=80;VDB=0.149883;SGB=-0.692352;RPB=
C	T	222	DP=61;VDB=0.249573;SGB=-0.692914;RPB=
G	A	222	DP=62;VDB=0.178247;SGB=-0.692831;RPB=
G	A	222	DP=75;VDB=0.0115602;SGB=-0.692352;RPE
A	T	211	DP=92;VDB=0.344515;SGB=-0.692717;RPB=
T	C	203	DP=84;VDB=0.00269205;SGB=-0.692717;RF
A	G	212	DP=87;VDB=0.100629;SGB=-0.692831;RPB=
T	C	222	DP=73;VDB=0.810426;SGB=-0.692352;RPB=
T	A	212	DP=71;VDB=0.915928;SGB=-0.692352;RPB=
C	T	215	DP=72;VDB=0.227621;SGB=-0.692067;RPB=
C	T	222	DP=78;VDB=0.722748;SGB=-0.692562;RPB=
T	C	222	DP=78;VDB=0.727427;SGB=-0.692562;RPB=
C	G	222	DP=74;VDB=0.727427;SGB=-0.692562;RPB=
G	A	204	DP=78;VDB=0.94637;SGB=-0.691153;RPB=C
T	A	215	DP=85;VDB=0.807005;SGB=-0.692831;RPB=
T	C	214	DP=74;VDB=0.0301621;SGB=-0.69168;RPB=
C	T	222	DP=60;VDB=0.276219;SGB=-0.692562;RPB=
C	T	222	DP=58;VDB=0.655694;SGB=-0.69168;RPB=C
A	G	214	DP=56;VDB=0.0671029;SGB=-0.690438;RPE
C	T	201	DP=94;VDB=0.140063;SGB=-0.692352;RPB=
C	T	201	DP=90;VDB=0.160526;SGB=-0.692352;RPB=
C	T	217	DP=76;VDB=0.816209;SGB=-0.692717;RPB=
C	T	206	DP=89;VDB=0.874689;SGB=-0.692914;RPB=
A	G	209	DP=38;VDB=0.495162;SGB=-0.686358;RPB=
A	G	222	DP=70;VDB=0.305389;SGB=-0.692352;RPB=
C	T	222	DP=70;VDB=0.983715;SGB=-0.692831;RPB=
C	T	206	DP=81;VDB=0.631145;SGB=-0.69168;RPB=C
C	T	207	DP=82;VDB=0.623242;SGB=-0.69168;RPB=C
C	T	221	DP=58;VDB=0.237846;SGB=-0.690438;RPB=
T	C	219	DP=95;VDB=0.14378;SGB=-0.692831;RPB=C
T	C	222	DP=111;VDB=0.368431;SGB=-0.693021;RPE
C	T	221	DP=22;VDB=0.0738925;SGB=-0.688148;RPE
T	C	222	DP=106;VDB=0.926559;SGB=-0.692976;RPE
A	G	208	DP=102;VDB=0.549163;SGB=-0.692914;RPE
G	A	222	DP=98;VDB=0.243122;SGB=-0.692976;RPB=
G	A	222	DP=89;VDB=0.12737;SGB=-0.692831;RPB=C
T	C	222	DP=91;VDB=0.00588837;SGB=-0.692717;RF
C	T	222	DP=87;VDB=0.479097;SGB=-0.692717;RPB=
T	A	217	DP=69;VDB=0.120015;SGB=-0.69168;RPB=C
G	A	222	DP=53;VDB=0.489996;SGB=-0.690438;RPB=
T	C	222	DP=53;VDB=0.541148;SGB=-0.690438;RPB=
G	A	217	DP=60;VDB=0.0243901;SGB=-0.689466;RPE

A	G	204	DP=85;VDB=0.144008;SGB=-0.69168;RPB=C
T	C	215	DP=97;VDB=0.663282;SGB=-0.692831;RPB=
G	A	205	DP=63;VDB=0.820662;SGB=-0.690438;RPB=
A	G	202	DP=108;VDB=0.0823507;SGB=-0.692352;RF
G	A	215	DP=81;VDB=0.817318;SGB=-0.692562;RPB=
G	A	215	DP=76;VDB=0.570907;SGB=-0.692562;RPB=
C	T	205	DP=103;VDB=0.373812;SGB=-0.693079;RPE
C	T	201	DP=54;VDB=0.188406;SGB=-0.690438;RPB=
A	T	210	DP=52;VDB=0.0642828;SGB=-0.689466;RPE
C	T	210	DP=61;VDB=0.402928;SGB=-0.690438;RPB=
G	A	211	DP=65;VDB=0.975394;SGB=-0.691153;RPB=
A	G	206	DP=59;VDB=0.970952;SGB=-0.690438;RPB=
T	A	205	DP=99;VDB=0.477564;SGB=-0.692717;RPB=
T	C	217	DP=100;VDB=0.625978;SGB=-0.692914;RPE
C	T	211	DP=115;VDB=0.537733;SGB=-0.693054;RPE
C	T	201	DP=107;VDB=0.17367;SGB=-0.692914;RPB=
C	T	201	DP=93;VDB=0.820642;SGB=-0.692562;RPB=
G	T	222	DP=92;VDB=0.165169;SGB=-0.692914;RPB=
T	C	219	DP=134;VDB=0.627634;SGB=-0.69311;RPB=
A	G	222	DP=139;VDB=0.623647;SGB=-0.69311;RPB=
T	A	216	DP=84;VDB=0.744127;SGB=-0.69168;RPB=C
C	T	221	DP=87;VDB=0.75435;SGB=-0.69168;RPB=0.
A	G	222	DP=69;VDB=0.979222;SGB=-0.692717;RPB=
A	G	205	DP=59;VDB=0.177234;SGB=-0.69168;RPB=C
G	A	208	DP=58;VDB=0.638457;SGB=-0.691153;RPB=
G	A	201	DP=58;VDB=0.644475;SGB=-0.691153;RPB=
C	T	211	DP=57;VDB=0.638457;SGB=-0.691153;RPB=
A	G	217	DP=59;VDB=0.638457;SGB=-0.691153;RPB=
A	G	218	DP=92;VDB=0.884785;SGB=-0.692831;RPB=
C	T	207	DP=63;VDB=0.841411;SGB=-0.692067;RPB=
C	T	201	DP=87;VDB=0.461582;SGB=-0.692067;RPB=
C	G	202	DP=74;VDB=0.152765;SGB=-0.688148;RPB=
T	C	202	DP=120;VDB=0.986978;SGB=-0.693054;RPE
A	T	202	DP=84;VDB=0.0658527;SGB=-0.692067;RPE
G	A	222	DP=82;VDB=0.306469;SGB=-0.692352;RPB=
C	T	206	DP=94;VDB=0.808165;SGB=-0.692067;RPB=
C	T	208	DP=57;VDB=0.0315236;SGB=-0.690438;RPE
A	G	204	DP=52;VDB=0.0797827;SGB=-0.689466;RPE
T	C	207	DP=62;VDB=0.0733401;SGB=-0.691153;RPE
A	C	217	DP=79;VDB=0.626868;SGB=-0.692067;RPB=
G	A	222	DP=85;VDB=0.234314;SGB=-0.692914;RPB=
G	C	221	DP=80;VDB=0.0126244;SGB=-0.692352;RPE
C	T	219	DP=102;VDB=0.108179;SGB=-0.692914;RPE
T	C	214	DP=118;VDB=0.0816859;SGB=-0.693021;RF
A	G	207	DP=118;VDB=0.0858413;SGB=-0.693021;RF
G	A	208	DP=62;VDB=0.426385;SGB=-0.690438;RPB=
A	G	209	DP=54;VDB=0.86937;SGB=-0.689466;RPB=C

G	A	206	DP=73;VDB=2.72175e-05;SGB=-0.690438;R
C	T	212	DP=69;VDB=2.72175e-05;SGB=-0.690438;R
T	C	212	DP=74;VDB=0.00311306;SGB=-0.692717;RP
T	C	217	DP=107;VDB=0.343816;SGB=-0.692976;RPE
T	C	222	DP=83;VDB=0.200804;SGB=-0.692914;RPB=
T	A	222	DP=84;VDB=0.306287;SGB=-0.692914;RPB=
C	A	203	DP=78;VDB=0.0561772;SGB=-0.69168;RPB=
A	G	211	DP=60;VDB=0.51626;SGB=-0.689466;RPB=C
G	A	205	DP=83;VDB=0.765185;SGB=-0.692914;RPB=
C	A	212	DP=95;VDB=0.936491;SGB=-0.693054;RPB=
C	T	201	DP=78;VDB=0.826265;SGB=-0.692717;RPB=
G	A	201	DP=99;VDB=0.2852;SGB=-0.692562;RPB=0.
G	A	222	DP=90;VDB=0.949393;SGB=-0.693021;RPB=
C	T	202	DP=86;VDB=0.993606;SGB=-0.692717;RPB=
T	C	222	DP=85;VDB=0.363577;SGB=-0.692914;RPB=
G	A	206	DP=93;VDB=0.145801;SGB=-0.692717;RPB=
A	T	208	DP=87;VDB=0.11549;SGB=-0.692067;RPB=C
C	T	205	DP=86;VDB=0.537618;SGB=-0.692352;RPB=
T	C	215	DP=71;VDB=0.574846;SGB=-0.69168;RPB=C
T	C	211	DP=99;VDB=0.00720421;SGB=-0.692352;RP
T	C	202	DP=58;VDB=0.0172878;SGB=-0.686358;RPE
T	C	204	DP=87;VDB=0.821617;SGB=-0.692717;RPB=
A	G	213	DP=60;VDB=0.035405;SGB=-0.690438;RPB=
G	A	210	DP=66;VDB=0.959934;SGB=-0.69168;RPB=C
C	A	204	DP=102;VDB=0.68138;SGB=-0.692352;RPB=
G	A	216	DP=51;VDB=0.60798;SGB=-0.689466;RPB=C
A	G	206	DP=62;VDB=0.249852;SGB=-0.689466;RPB=
C	G	202	DP=93;VDB=0.869787;SGB=-0.692562;RPB=
A	T	222	DP=88;VDB=0.789153;SGB=-0.692717;RPB=
G	A	207	DP=97;VDB=0.240625;SGB=-0.692717;RPB=
T	C	212	DP=102;VDB=0.383527;SGB=-0.692717;RPE
A	G	220	DP=64;VDB=0.0321233;SGB=-0.689466;RPE
A	T	222	DP=83;VDB=0.00697683;SGB=-0.692717;RP
C	T	220	DP=82;VDB=0.00265912;SGB=-0.692352;RP
T	A	222	DP=80;VDB=0.19403;SGB=-0.692831;RPB=C
A	G	222	DP=83;VDB=0.181337;SGB=-0.692831;RPB=
G	A	219	DP=77;VDB=0.168571;SGB=-0.692067;RPB=
T	C	222	DP=90;VDB=0.340035;SGB=-0.693021;RPB=
G	A	214	DP=107;VDB=0.146095;SGB=-0.692717;RPE
T	C	202	DP=107;VDB=0.14463;SGB=-0.692717;RPB=
G	A	211	DP=76;VDB=0.963936;SGB=-0.692067;RPB=
T	C	222	DP=90;VDB=0.0554556;SGB=-0.692562;RPE
G	A	222	DP=94;VDB=0.0977335;SGB=-0.692717;RPE
A	G	215	DP=75;VDB=0.247169;SGB=-0.69168;RPB=C
T	C	206	DP=78;VDB=0.580828;SGB=-0.691153;RPB=
T	C	215	DP=90;VDB=0.996266;SGB=-0.692562;RPB=
T	C	222	DP=79;VDB=0.515487;SGB=-0.692914;RPB=

T	C	213	DP=81;VDB=0.0807259;SGB=-0.692352;RPE
C	T	217	DP=101;VDB=0.827503;SGB=-0.693021;RPE
T	C	211	DP=96;VDB=0.0622336;SGB=-0.693021;RPE
G	T	222	DP=93;VDB=0.725502;SGB=-0.692914;RPB=
C	T	222	DP=89;VDB=0.0261716;SGB=-0.692831;RPE
A	T	201	DP=68;VDB=0.926411;SGB=-0.691153;RPB=
A	G	222	DP=125;VDB=0.583352;SGB=-0.692976;RPE
T	C	222	DP=115;VDB=0.602365;SGB=-0.69312;RPB=
G	A	211	DP=126;VDB=0.81472;SGB=-0.693079;RPB=
A	G	222	DP=101;VDB=0.640613;SGB=-0.692976;RPE
G	A	222	DP=97;VDB=0.648095;SGB=-0.692976;RPB=
C	A	222	DP=67;VDB=0.0896268;SGB=-0.692562;RPE
A	T	222	DP=96;VDB=0.00426502;SGB=-0.692976;RF
T	C	222	DP=85;VDB=0.00529565;SGB=-0.692914;RF
C	A	216	DP=105;VDB=0.258241;SGB=-0.693097;RPE
A	T	222	DP=87;VDB=0.458371;SGB=-0.692914;RPB=
G	C	222	DP=83;VDB=0.580367;SGB=-0.692914;RPB=
G	A	215	DP=99;VDB=0.0421602;SGB=-0.693054;RPE
A	G	205	DP=105;VDB=0.0229513;SGB=-0.693021;RF
C	T	211	DP=117;VDB=0.348601;SGB=-0.692914;RPE
T	A	222	DP=89;VDB=0.930219;SGB=-0.692562;RPB=
A	G	222	DP=88;VDB=0.712318;SGB=-0.692562;RPB=
A	T	209	DP=85;VDB=0.748432;SGB=-0.692562;RPB=
C	A	219	DP=84;VDB=0.422935;SGB=-0.692562;RPB=
C	T	211	DP=116;VDB=0.436306;SGB=-0.693079;RPE
A	G	213	DP=85;VDB=0.390055;SGB=-0.691153;RPB=
C	T	214	DP=67;VDB=0.48759;SGB=-0.692067;RPB=C
G	A	218	DP=91;VDB=0.750215;SGB=-0.692717;RPB=
C	T	205	DP=57;VDB=0.504806;SGB=-0.69168;RPB=C
G	A	222	DP=116;VDB=0.892597;SGB=-0.693021;RPE
A	G	220	DP=59;VDB=0.773786;SGB=-0.692067;RPB=
A	G	217	DP=63;VDB=0.86467;SGB=-0.692562;RPB=C
T	C	222	DP=63;VDB=0.780526;SGB=-0.692717;RPB=
T	C	204	DP=59;VDB=0.495035;SGB=-0.692067;RPB=
C	A	209	DP=53;VDB=0.956599;SGB=-0.688148;RPB=
A	G	209	DP=92;VDB=0.952138;SGB=-0.692831;RPB=
A	G	222	DP=62;VDB=0.387073;SGB=-0.692562;RPB=
T	G	219	DP=76;VDB=0.361007;SGB=-0.69168;RPB=C
T	C	207	DP=43;VDB=0.495162;SGB=-0.686358;RPB=
A	G	208	DP=93;VDB=0.0172984;SGB=-0.692562;RPE
T	G	214	DP=94;VDB=0.0408089;SGB=-0.692562;RPE
C	T	212	DP=99;VDB=0.527188;SGB=-0.692717;RPB=
T	C	201	DP=78;VDB=0.699947;SGB=-0.692067;RPB=
A	G	212	DP=80;VDB=0.974529;SGB=-0.692717;RPB=
A	G	215	DP=83;VDB=0.45711;SGB=-0.692831;RPB=C
A	G	206	DP=81;VDB=0.0115151;SGB=-0.692562;RPE
G	A	212	DP=82;VDB=0.0174533;SGB=-0.692067;RPE



A	G	210	DP=153;VDB=0.201614;SGB=-0.69311;RPB=
T	C	222	DP=84;VDB=0.202893;SGB=-0.692717;RPB=
C	T	222	DP=89;VDB=0.00179889;SGB=-0.692717;RF
T	C	222	DP=93;VDB=0.00450003;SGB=-0.692831;RF
G	A	222	DP=87;VDB=0.0404226;SGB=-0.693021;RPE
G	A	222	DP=82;VDB=0.0761888;SGB=-0.692831;RPE
A	G	222	DP=71;VDB=0.0525815;SGB=-0.692352;RPE
C	T	213	DP=70;VDB=0.0520876;SGB=-0.692352;RPE
G	A	203	DP=70;VDB=0.691214;SGB=-0.691153;RPB=
T	C	207	DP=56;VDB=0.993055;SGB=-0.688148;RPB=
C	T	205	DP=93;VDB=0.736257;SGB=-0.692914;RPB=
T	C	216	DP=88;VDB=0.236252;SGB=-0.692717;RPB=
C	T	222	DP=77;VDB=0.180438;SGB=-0.692914;RPB=
A	T	219	DP=129;VDB=0.00689594;SGB=-0.692976;R
C	A	215	DP=114;VDB=0.0526433;SGB=-0.692831;RF
C	A	222	DP=123;VDB=0.592018;SGB=-0.693132;RPE
A	T	215	DP=85;VDB=0.428285;SGB=-0.692717;RPB=
T	C	211	DP=64;VDB=0.839361;SGB=-0.692352;RPB=
A	T	212	DP=72;VDB=0.747137;SGB=-0.692352;RPB=
C	T	203	DP=116;VDB=0.475629;SGB=-0.693054;RPE
G	T	222	DP=77;VDB=0.296098;SGB=-0.69168;RPB=C
T	C	201	DP=133;VDB=0.0784773;SGB=-0.69311;RPE
A	G	202	DP=52;VDB=0.00670552;SGB=-0.683931;RF
C	T	202	DP=66;VDB=0.036904;SGB=-0.691153;RPB=
T	A	207	DP=68;VDB=0.887578;SGB=-0.692562;RPB=
A	G	222	DP=62;VDB=0.0357761;SGB=-0.692352;RPE
A	C	222	DP=73;VDB=0.861782;SGB=-0.692717;RPB=
C	T	204	DP=78;VDB=0.0005834;SGB=-0.69168;RPB=
T	G	206	DP=41;VDB=0.186425;SGB=-0.683931;RPB=
G	A	216	DP=57;VDB=0.575446;SGB=-0.689466;RPB=
G	T	211	DP=60;VDB=0.967759;SGB=-0.690438;RPB=
A	T	222	DP=72;VDB=0.651385;SGB=-0.692562;RPB=
A	G	207	DP=76;VDB=0.105576;SGB=-0.69168;RPB=C
T	A	202	DP=77;VDB=0.352198;SGB=-0.691153;RPB=
T	A	208	DP=73;VDB=0.833808;SGB=-0.69168;RPB=C
G	T	210	DP=90;VDB=0.185719;SGB=-0.692352;RPB=
T	C	217	DP=45;VDB=0.53426;SGB=-0.688148;RPB=C
G	A	205	DP=56;VDB=0.807779;SGB=-0.689466;RPB=
C	T	211	DP=35;VDB=0.00908398;SGB=-0.688148;RF
C	T	222	DP=45;VDB=0.0167641;SGB=-0.690438;RPE
T	C	222	DP=52;VDB=0.487357;SGB=-0.692562;RPB=
C	T	222	DP=53;VDB=0.418869;SGB=-0.69168;RPB=C
C	T	222	DP=57;VDB=0.41198;SGB=-0.69168;RPB=0.
A	G	213	DP=70;VDB=0.907811;SGB=-0.692352;RPB=
T	G	216	DP=64;VDB=0.477167;SGB=-0.691153;RPB=
G	A	203	DP=170;VDB=0.0551377;SGB=-0.69312;RPE
A	G	209	DP=60;VDB=0.798853;SGB=-0.691153;RPB=

T	C	204	DP=51;VDB=0.145089;SGB=-0.689466;RPB=
G	A	201	DP=89;VDB=0.925033;SGB=-0.692352;RPB=
G	A	207	DP=85;VDB=0.191835;SGB=-0.692067;RPB=
C	T	214	DP=94;VDB=0.955592;SGB=-0.692914;RPB=
T	G	222	DP=108;VDB=0.17588;SGB=-0.693079;RPB=
T	C	222	DP=114;VDB=0.997475;SGB=-0.693127;RPE
T	A	219	DP=99;VDB=0.468225;SGB=-0.692976;RPB=
C	T	221	DP=88;VDB=0.0149297;SGB=-0.692562;RPE
A	T	202	DP=86;VDB=0.730628;SGB=-0.692352;RPB=
G	A	206	DP=64;VDB=0.569678;SGB=-0.690438;RPB=
T	C	216	DP=54;VDB=0.230248;SGB=-0.688148;RPB=
A	G	222	DP=53;VDB=0.244851;SGB=-0.691153;RPB=
C	T	216	DP=55;VDB=0.262032;SGB=-0.691153;RPB=
G	A	218	DP=62;VDB=0.266654;SGB=-0.690438;RPB=
A	G	204	DP=69;VDB=0.493997;SGB=-0.690438;RPB=
G	A	222	DP=84;VDB=0.0508645;SGB=-0.692067;RPE
G	A	218	DP=68;VDB=0.894199;SGB=-0.692067;RPB=
A	T	222	DP=60;VDB=0.681698;SGB=-0.691153;RPB=
A	G	206	DP=61;VDB=0.651074;SGB=-0.690438;RPB=
G	T	214	DP=86;VDB=0.0788007;SGB=-0.692562;RPE
A	G	208	DP=72;VDB=0.0489423;SGB=-0.692067;RPE
G	A	222	DP=71;VDB=0.27062;SGB=-0.692562;RPB=C
G	T	222	DP=72;VDB=0.280929;SGB=-0.692562;RPB=
T	C	208	DP=61;VDB=0.362378;SGB=-0.690438;RPB=
A	G	222	DP=75;VDB=0.979478;SGB=-0.692717;RPB=
A	G	201	DP=110;VDB=0.776626;SGB=-0.692831;RPE
G	A	209	DP=102;VDB=0.997893;SGB=-0.693021;RPE
G	A	207	DP=67;VDB=0.543535;SGB=-0.690438;RPB=
A	G	215	DP=61;VDB=0.340796;SGB=-0.690438;RPB=
C	G	202	DP=88;VDB=0.203165;SGB=-0.691153;RPB=
A	G	206	DP=70;VDB=0.945979;SGB=-0.691153;RPB=
T	G	203	DP=93;VDB=0.0769619;SGB=-0.692562;RPE
C	T	209	DP=90;VDB=0.372292;SGB=-0.692352;RPB=
C	A	214	DP=56;VDB=0.0781894;SGB=-0.691153;RPE
T	C	207	DP=58;VDB=0.0269852;SGB=-0.690438;RPE
A	C	205	DP=56;VDB=0.00919144;SGB=-0.689466;RP
T	C	218	DP=93;VDB=0.990818;SGB=-0.692562;RPB=
A	G	207	DP=58;VDB=0.5892;SGB=-0.691153;RPB=0.!
G	T	203	DP=59;VDB=0.973388;SGB=-0.690438;RPB=
T	C	222	DP=82;VDB=0.286327;SGB=-0.693021;RPB=
G	A	208	DP=97;VDB=0.926116;SGB=-0.692352;RPB=
T	C	222	DP=64;VDB=0.0416761;SGB=-0.692562;RPE
T	C	222	DP=73;VDB=0.309312;SGB=-0.692831;RPB=
A	G	221	DP=64;VDB=0.256813;SGB=-0.691153;RPB=
G	A	214	DP=64;VDB=0.445386;SGB=-0.69168;RPB=C
G	A	208	DP=73;VDB=0.580829;SGB=-0.691153;RPB=
G	C	212	DP=69;VDB=0.0921121;SGB=-0.692352;RPE

C	A	222	DP=65;VDB=0.804417;SGB=-0.692562;RPB=
G	C	222	DP=51;VDB=0.0106039;SGB=-0.690438;RPE
C	G	221	DP=77;VDB=0.284547;SGB=-0.69168;RPB=C
T	A	209	DP=60;VDB=0.698887;SGB=-0.69168;RPB=C
G	A	202	DP=64;VDB=0.743186;SGB=-0.691153;RPB=
C	G	203	DP=42;VDB=0.57081;SGB=-0.686358;RPB=C
A	G	203	DP=61;VDB=0.899607;SGB=-0.69168;RPB=C
CGA	C	220	INDEL;IDV=20;IMF=0.408163;DP=49;VDB=0
G	A	203	DP=132;VDB=0.0694982;SGB=-0.693147;RF
G	A	212	DP=126;VDB=0.0303228;SGB=-0.693147;RF
A	G	206	DP=125;VDB=0.546573;SGB=-0.693132;RPE
A	G	210	DP=89;VDB=0.403266;SGB=-0.692717;RPB=
G	A	202	DP=117;VDB=0.795094;SGB=-0.693021;RPE
T	C	222	DP=71;VDB=0.477506;SGB=-0.692352;RPB=
T	C	222	DP=69;VDB=0.673648;SGB=-0.692352;RPB=
T	C	206	DP=80;VDB=0.241489;SGB=-0.691153;RPB=
T	C	210	DP=67;VDB=0.687608;SGB=-0.69168;RPB=C
G	A	220	DP=62;VDB=0.692706;SGB=-0.69168;RPB=1
A	C	209	DP=118;VDB=0.341401;SGB=-0.693021;RPE
G	A	202	DP=118;VDB=0.102301;SGB=-0.692831;RPE
G	A	222	DP=53;VDB=0.951968;SGB=-0.690438;RPB=
G	C	222	DP=56;VDB=0.857752;SGB=-0.692067;RPB=
C	T	207	DP=62;VDB=0.470232;SGB=-0.69168;RPB=C
G	C	210	DP=63;VDB=0.532237;SGB=-0.692067;RPB=
C	T	222	DP=74;VDB=0.146489;SGB=-0.692067;RPB=
T	C	201	DP=62;VDB=0.869609;SGB=-0.690438;RPB=
G	A	207	DP=62;VDB=0.620972;SGB=-0.689466;RPB=
C	G	222	DP=70;VDB=0.563794;SGB=-0.692717;RPB=
C	G	222	DP=74;VDB=0.380364;SGB=-0.692831;RPB=
C	T	222	DP=72;VDB=0.358133;SGB=-0.692831;RPB=
A	G	213	DP=83;VDB=0.075355;SGB=-0.692562;RPB=
C	T	225	DP=33;VDB=0.0911604;SGB=-0.69311;MQS
T	G	221	DP=121;VDB=0.145049;SGB=-0.693079;RPE
T	C	202	DP=75;VDB=0.366146;SGB=-0.690438;RPB=
G	A	222	DP=66;VDB=0.0928774;SGB=-0.692352;RPE
G	T	222	DP=67;VDB=0.998346;SGB=-0.692352;RPB=
A	C	207	DP=109;VDB=0.933466;SGB=-0.693021;RPE
T	C	216	DP=120;VDB=0.0419672;SGB=-0.692717;RF
T	A	201	DP=111;VDB=0.483864;SGB=-0.692914;RPE
G	A	222	DP=89;VDB=0.1289;SGB=-0.692717;RPB=0.
C	G	202	DP=80;VDB=0.772575;SGB=-0.690438;RPB=
G	A	222	DP=84;VDB=0.808609;SGB=-0.692717;RPB=
T	G	222	DP=87;VDB=0.0693511;SGB=-0.692717;RPE
T	C	202	DP=84;VDB=0.683574;SGB=-0.692352;RPB=
C	T	201	DP=71;VDB=0.234292;SGB=-0.691153;RPB=
A	G	201	DP=88;VDB=0.000919839;SGB=-0.692352;R
C	T	222	DP=79;VDB=0.537183;SGB=-0.692067;RPB=

C	T	222	DP=73;VDB=0.936965;SGB=-0.692717;RPB=
G	T	217	DP=74;VDB=0.824688;SGB=-0.692067;RPB=
T	A	201	DP=77;VDB=0.935333;SGB=-0.692352;RPB=
A	G	203	DP=43;VDB=0.497142;SGB=-0.688148;RPB=
A	G	222	DP=86;VDB=0.0575292;SGB=-0.692067;RPE
T	C	217	DP=44;VDB=0.999624;SGB=-0.689466;RPB=
T	C	201	DP=94;VDB=0.107439;SGB=-0.692831;RPB=
T	C	201	DP=45;VDB=0.995457;SGB=-0.686358;RPB=
T	C	203	DP=120;VDB=0.000642217;SGB=-0.69312;R
A	T	214	DP=96;VDB=0.366843;SGB=-0.692914;RPB=
G	C	222	DP=87;VDB=0.032327;SGB=-0.692717;RPB=
T	C	213	DP=82;VDB=0.225004;SGB=-0.692562;RPB=
G	A	212	DP=50;VDB=0.858769;SGB=-0.688148;RPB=
C	T	220	DP=56;VDB=0.777965;SGB=-0.69168;RPB=C
C	T	222	DP=61;VDB=0.423922;SGB=-0.692352;RPB=
A	G	211	DP=72;VDB=0.467038;SGB=-0.69168;RPB=C
A	G	215	DP=92;VDB=0.827265;SGB=-0.693021;RPB=
G	T	210	DP=98;VDB=0.438467;SGB=-0.692831;RPB=
A	G	208	DP=85;VDB=0.00131074;SGB=-0.692717;RF
T	C	222	DP=97;VDB=0.120125;SGB=-0.692914;RPB=
T	G	218	DP=52;VDB=0.493272;SGB=-0.69168;RPB=C
T	C	213	DP=74;VDB=0.355525;SGB=-0.691153;RPB=
A	C	222	DP=80;VDB=0.995179;SGB=-0.692717;RPB=
G	A	222	DP=83;VDB=0.945195;SGB=-0.692831;RPB=
T	C	222	DP=126;VDB=0.000270881;SGB=-0.693079;
C	T	222	DP=123;VDB=0.80078;SGB=-0.69311;RPB=C
A	C	202	DP=157;VDB=0.637952;SGB=-0.693097;RPE
C	T	201	DP=117;VDB=0.816565;SGB=-0.692976;RPE
A	G	220	DP=101;VDB=0.74714;SGB=-0.692914;RPB=
C	A	214	DP=98;VDB=0.279289;SGB=-0.692717;RPB=
T	C	203	DP=102;VDB=0.922998;SGB=-0.692562;RPE
A	C	209	DP=76;VDB=0.534877;SGB=-0.69168;RPB=C
C	T	202	DP=106;VDB=0.00477074;SGB=-0.692831;R
G	T	211	DP=108;VDB=0.00584559;SGB=-0.692717;R
C	T	205	DP=61;VDB=0.558334;SGB=-0.691153;RPB=
C	A	219	DP=63;VDB=0.999271;SGB=-0.693147;RPB=
G	A	206	DP=122;VDB=0.0164388;SGB=-0.692831;RF
T	C	222	DP=92;VDB=0.244317;SGB=-0.693127;RPB=
C	T	210	DP=138;VDB=0.194407;SGB=-0.69311;RPB=
G	A	222	DP=127;VDB=0.0898498;SGB=-0.693097;RF
T	C	215	DP=127;VDB=0.089005;SGB=-0.693054;RPE
T	A	222	DP=124;VDB=0.000166891;SGB=-0.693136;
C	T	222	DP=114;VDB=0.886434;SGB=-0.693139;RPE
T	C	222	DP=108;VDB=0.696137;SGB=-0.693141;RPE
T	C	222	DP=201;VDB=0.12993;SGB=-0.693147;RPB=
C	T	222	DP=198;VDB=0.370484;SGB=-0.693147;RPE
T	C	222	DP=182;VDB=0.0835432;SGB=-0.693147;RF

T	A	210	DP=155;VDB=0.200762;SGB=-0.693127;RPE
A	G	222	DP=149;VDB=0.990546;SGB=-0.693136;RPE
C	T	202	DP=158;VDB=0.000461147;SGB=-0.693147;
G	T	206	DP=162;VDB=0.00109201;SGB=-0.693147;R
T	C	222	DP=210;VDB=6.5378e-07;SGB=-0.693147;R
G	C	222	DP=238;VDB=0.00776851;SGB=-0.693147;R
C	T	222	DP=237;VDB=0.0109181;SGB=-0.693147;RF
T	C	222	DP=203;VDB=0.111422;SGB=-0.693147;RPE
C	T	203	DP=97;VDB=0.99967;SGB=-0.692352;RPB=C
C	T	222	DP=94;VDB=0.109598;SGB=-0.692914;RPB=
G	A	207	DP=96;VDB=0.00940579;SGB=-0.692831;RF
C	T	205	DP=106;VDB=0.469024;SGB=-0.692976;RPE
C	T	209	DP=103;VDB=0.456217;SGB=-0.692914;RPE
C	T	222	DP=84;VDB=0.652421;SGB=-0.692562;RPB=
G	T	222	DP=63;VDB=0.00153633;SGB=-0.692067;RF
C	T	222	DP=59;VDB=0.000210667;SGB=-0.69168;RF
A	T	222	DP=67;VDB=0.444965;SGB=-0.692717;RPB=
G	T	222	DP=105;VDB=0.38059;SGB=-0.692717;RPB=
A	G	213	DP=123;VDB=0.217916;SGB=-0.693021;RPE
A	G	201	DP=121;VDB=0.76923;SGB=-0.693054;RPB=
G	A	222	DP=108;VDB=0.990991;SGB=-0.69311;RPB=
T	C	202	DP=32;VDB=0.157218;SGB=-0.683931;RPB=
C	T	222	DP=42;VDB=0.543287;SGB=-0.689466;RPB=
G	A	221	DP=81;VDB=0.235204;SGB=-0.692067;RPB=
T	C	210	DP=82;VDB=0.240497;SGB=-0.692067;RPB=
A	T	207	DP=69;VDB=0.351899;SGB=-0.690438;RPB=
G	A	206	DP=34;VDB=0.727166;SGB=-0.683931;RPB=
A	G	205	DP=99;VDB=2.83965e-06;SGB=-0.69311;RP
A	G	211	DP=99;VDB=4.34702e-06;SGB=-0.69311;RP
C	A	210	DP=98;VDB=8.43056e-06;SGB=-0.693097;R
C	T	210	DP=142;VDB=0.89097;SGB=-0.693127;RPB=
A	T	222	DP=49;VDB=0.497141;SGB=-0.688148;RPB=
A	G	202	DP=31;VDB=0.678262;SGB=-0.680642;RPB=
G	A	219	DP=56;VDB=0.910726;SGB=-0.690438;RPB=
T	C	205	DP=46;VDB=0.0477568;SGB=-0.689466;RPE
G	T	213	DP=46;VDB=0.207373;SGB=-0.690438;RPB=
C	A	205	DP=97;VDB=0.00866747;SGB=-0.692562;RF
G	T	213	DP=100;VDB=0.181126;SGB=-0.692562;RPE
G	A	222	DP=89;VDB=0.291494;SGB=-0.692717;RPB=
G	A	213	DP=78;VDB=0.524763;SGB=-0.692352;RPB=
T	G	206	DP=96;VDB=0.366498;SGB=-0.692717;RPB=
C	T	217	DP=101;VDB=0.908497;SGB=-0.692562;RPE
C	G	203	DP=65;VDB=0.262241;SGB=-0.689466;RPB=
C	T	204	DP=94;VDB=0.0189493;SGB=-0.692352;RPE
A	G	204	DP=61;VDB=0.177892;SGB=-0.691153;RPB=
G	A	220	DP=67;VDB=0.999871;SGB=-0.692352;RPB=
C	T	209	DP=61;VDB=0.982813;SGB=-0.692067;RPB=

T	C	222	DP=74;VDB=0.00456695;SGB=-0.692352;RPF
A	G	222	DP=98;VDB=0.84586;SGB=-0.692976;RPB=C
C	T	211	DP=110;VDB=0.993329;SGB=-0.69311;RPB=
A	G	204	DP=58;VDB=0.678842;SGB=-0.690438;RPB=
A	G	209	DP=76;VDB=0.465773;SGB=-0.691153;RPB=
T	C	206	DP=103;VDB=0.909987;SGB=-0.692831;RPE
G	A	209	DP=102;VDB=0.100499;SGB=-0.692976;RPE
A	G	220	DP=96;VDB=0.997972;SGB=-0.693079;RPB=
G	A	219	DP=110;VDB=0.0348174;SGB=-0.692717;RF
A	G	207	DP=81;VDB=0.204752;SGB=-0.69168;RPB=C
T	G	222	DP=103;VDB=0.275963;SGB=-0.693021;RPE
G	A	206	DP=61;VDB=0.767797;SGB=-0.69168;RPB=C
A	G	208	DP=130;VDB=0.736182;SGB=-0.693097;RPE
G	A	217	DP=107;VDB=0.0686292;SGB=-0.692914;RF
C	G	222	DP=99;VDB=0.246609;SGB=-0.693021;RPB=
G	A	220	DP=87;VDB=0.719545;SGB=-0.692717;RPB=
T	C	208	DP=84;VDB=0.542996;SGB=-0.692717;RPB=
G	A	222	DP=78;VDB=0.249918;SGB=-0.692914;RPB=
G	A	222	DP=103;VDB=0.516785;SGB=-0.692914;RPE
T	C	222	DP=101;VDB=0.503103;SGB=-0.692831;RPE
C	T	222	DP=91;VDB=0.814155;SGB=-0.692717;RPB=
C	T	203	DP=72;VDB=0.524808;SGB=-0.692067;RPB=
G	A	201	DP=94;VDB=0.93164;SGB=-0.69168;RPB=0.1
C	A	222	DP=72;VDB=0.000391849;SGB=-0.692562;R
A	T	202	DP=64;VDB=0.68552;SGB=-0.691153;RPB=C
T	C	207	DP=86;VDB=0.248238;SGB=-0.691153;RPB=
C	T	204	DP=64;VDB=0.470043;SGB=-0.691153;RPB=
A	T	220	DP=84;VDB=0.831037;SGB=-0.692067;RPB=
A	C	203	DP=49;VDB=0.878284;SGB=-0.689466;RPB=
G	C	214	DP=33;VDB=0.320484;SGB=-0.683931;RPB=
C	T	214	DP=77;VDB=0.147009;SGB=-0.692831;RPB=
G	A	222	DP=87;VDB=0.763356;SGB=-0.693021;RPB=
T	C	213	DP=83;VDB=0.315715;SGB=-0.692352;RPB=
A	G	221	DP=61;VDB=0.91921;SGB=-0.69168;RPB=0.1
A	T	201	DP=113;VDB=0.0928773;SGB=-0.692352;RF
A	G	219	DP=51;VDB=0.684248;SGB=-0.691153;RPB=
T	C	222	DP=83;VDB=0.328669;SGB=-0.692831;RPB=
C	T	215	DP=69;VDB=0.149883;SGB=-0.692352;RPB=
T	C	222	DP=90;VDB=0.267337;SGB=-0.692717;RPB=
T	G	204	DP=76;VDB=0.137404;SGB=-0.692067;RPB=
T	C	213	DP=65;VDB=0.538068;SGB=-0.69168;RPB=C
C	T	201	DP=73;VDB=0.248185;SGB=-0.69168;RPB=C
C	T	209	DP=90;VDB=0.941293;SGB=-0.692717;RPB=
A	G	222	DP=90;VDB=2.85829e-06;SGB=-0.692562;R
C	T	207	DP=69;VDB=0.158131;SGB=-0.691153;RPB=
T	C	218	DP=75;VDB=0.954728;SGB=-0.692067;RPB=
A	C	204	DP=70;VDB=0.875441;SGB=-0.691153;RPB=

G	A	222	DP=71;VDB=0.410703;SGB=-0.692352;RPB=
T	C	222	DP=75;VDB=0.291424;SGB=-0.692562;RPB=
G	T	220	DP=90;VDB=0.250584;SGB=-0.692562;RPB=
G	A	222	DP=106;VDB=0.956433;SGB=-0.692976;RPE
C	T	220	DP=100;VDB=0.998947;SGB=-0.693021;RPE
A	G	209	DP=75;VDB=0.816619;SGB=-0.692352;RPB=
A	G	205	DP=56;VDB=0.926186;SGB=-0.69168;RPB=C
G	C	204	DP=51;VDB=0.999144;SGB=-0.688148;RPB=
G	C	210	DP=70;VDB=0.242004;SGB=-0.689466;RPB=
A	G	220	DP=119;VDB=0.999989;SGB=-0.693147;RPE
TG	TTCG	209	INDEL;IDV=19;IMF=0.365385;DP=52;VDB=0
A	T	203	DP=75;VDB=0.250262;SGB=-0.692352;RPB=
T	G	204	DP=101;VDB=0.530352;SGB=-0.693079;RPE
A	G	221	DP=133;VDB=0.874029;SGB=-0.693079;RPE
G	A	225	DP=24;VDB=0.933538;SGB=-0.692562;MQS
C	T	225	DP=24;VDB=0.927356;SGB=-0.692562;MQS
A	G	225	DP=23;VDB=0.039385;SGB=-0.692067;MQS
T	C	225	DP=22;VDB=0.322122;SGB=-0.69168;MQSB
G	A	225	DP=22;VDB=0.254512;SGB=-0.691153;MQS
G	T	225	DP=21;VDB=0.184104;SGB=-0.690438;MQS
C	T	225	DP=21;VDB=0.165011;SGB=-0.690438;MQS
G	A	225	DP=28;VDB=0.952661;SGB=-0.69168;MQSB
C	T	224	DP=28;VDB=0.998101;SGB=-0.692352;MQS
A	T	225	DP=23;VDB=0.261652;SGB=-0.692352;MQS
C	T	225	DP=25;VDB=0.342999;SGB=-0.692352;MQS
A	G	225	DP=19;VDB=0.0144211;SGB=-0.683931;MQ
C	T	225	DP=19;VDB=0.187969;SGB=-0.683931;MQS
T	C	210	DP=21;VDB=0.58044;SGB=-0.688148;MQSB
C	T	225	DP=25;VDB=0.19611;SGB=-0.692067;MQSB
T	C	225	DP=28;VDB=0.502636;SGB=-0.692717;MQS
G	A	225	DP=21;VDB=0.387477;SGB=-0.690438;MQS
C	T	225	DP=21;VDB=0.888862;SGB=-0.688148;MQS
C	T	225	DP=20;VDB=0.665071;SGB=-0.690438;MQS
A	C	225	DP=23;VDB=0.202155;SGB=-0.691153;MQS
G	A	225	DP=23;VDB=0.199143;SGB=-0.691153;MQS
C	T	225	DP=25;VDB=0.274938;SGB=-0.689466;MQS
G	T	225	DP=26;VDB=0.394633;SGB=-0.689466;MQS
T	G	225	DP=23;VDB=0.319844;SGB=-0.688148;MQS
C	T	225	DP=21;VDB=0.492772;SGB=-0.689466;MQS
A	G	225	DP=20;VDB=0.225599;SGB=-0.691153;MQS
T	C	225	DP=19;VDB=0.498193;SGB=-0.689466;MQS
G	T	225	DP=22;VDB=0.528889;SGB=-0.689466;MQS
T	A	210	DP=33;VDB=0.134895;SGB=-0.686358;RPB=
G	A	202	DP=93;VDB=0.133322;SGB=-0.692352;RPB=
C	T	222	DP=72;VDB=0.0275933;SGB=-0.692352;RPE
C	T	202	DP=61;VDB=0.545638;SGB=-0.688148;RPB=
G	A	201	DP=58;VDB=0.562629;SGB=-0.688148;RPB=

C	T	205	DP=97;VDB=0.86467;SGB=-0.692562;RPB=C
G	A	214	DP=66;VDB=0.0632177;SGB=-0.691153;RPE
C	T	201	DP=65;VDB=0.096767;SGB=-0.69168;RPB=C
C	T	222	DP=70;VDB=0.037379;SGB=-0.692352;RPB=
G	A	213	DP=76;VDB=0.0148242;SGB=-0.692562;RPE
G	A	203	DP=65;VDB=0.799751;SGB=-0.688148;RPB=
T	C	222	DP=70;VDB=0.0515974;SGB=-0.692352;RPE
T	C	222	DP=82;VDB=0.727427;SGB=-0.692562;RPB=
G	A	218	DP=70;VDB=0.50865;SGB=-0.69168;RPB=0.
G	A	222	DP=74;VDB=0.696824;SGB=-0.692562;RPB=
A	G	222	DP=97;VDB=0.603979;SGB=-0.693021;RPB=
A	G	208	DP=98;VDB=0.90617;SGB=-0.692562;RPB=C
T	C	207	DP=58;VDB=0.446786;SGB=-0.692067;RPB=
T	C	215	DP=77;VDB=0.553828;SGB=-0.692067;RPB=
T	C	213	DP=96;VDB=0.819346;SGB=-0.692831;RPB=
C	T	201	DP=85;VDB=0.183541;SGB=-0.691153;RPB=
C	A	201	DP=95;VDB=0.871855;SGB=-0.692562;RPB=
A	G	204	DP=88;VDB=0.855944;SGB=-0.692562;RPB=
T	C	211	DP=56;VDB=0.235942;SGB=-0.691153;RPB=
T	C	217	DP=61;VDB=0.191244;SGB=-0.691153;RPB=
C	T	220	DP=105;VDB=0.300971;SGB=-0.692914;RPE
C	T	219	DP=107;VDB=0.400347;SGB=-0.692976;RPE
A	C	222	DP=78;VDB=0.163592;SGB=-0.692562;RPB=
A	G	222	DP=66;VDB=0.984685;SGB=-0.692562;RPB=
C	A	201	DP=67;VDB=0.5;SGB=-0.692067;RPB=0.277.
C	A	222	DP=102;VDB=0.0514168;SGB=-0.693021;RF
G	A	222	DP=117;VDB=0.995449;SGB=-0.693079;RPE
G	A	222	DP=118;VDB=0.998605;SGB=-0.693079;RPE
T	C	204	DP=92;VDB=0.845605;SGB=-0.692831;RPB=
C	T	208	DP=97;VDB=0.845605;SGB=-0.692831;RPB=
T	A	213	DP=84;VDB=0.963441;SGB=-0.692067;RPB=
A	C	216	DP=84;VDB=0.334614;SGB=-0.692562;RPB=
A	T	222	DP=80;VDB=0.653429;SGB=-0.692352;RPB=
C	T	225	DP=86;VDB=0.200237;SGB=-0.693147;MQS
G	A	220	DP=123;VDB=0.699348;SGB=-0.693021;RPE
T	C	210	DP=68;VDB=0.239818;SGB=-0.691153;RPB=
T	C	201	DP=76;VDB=0.161037;SGB=-0.69168;RPB=C
A	T	206	DP=93;VDB=0.985987;SGB=-0.692562;RPB=
G	A	207	DP=88;VDB=0.25877;SGB=-0.692067;RPB=C
A	G	221	DP=81;VDB=0.642002;SGB=-0.692562;RPB=
C	T	222	DP=75;VDB=0.0913517;SGB=-0.692352;RPE
G	A	212	DP=43;VDB=0.205645;SGB=-0.688148;RPB=
G	C	202	DP=80;VDB=0.084211;SGB=-0.69168;RPB=C
C	T	202	DP=131;VDB=0.0241051;SGB=-0.693054;RF
G	A	210	DP=134;VDB=0.118697;SGB=-0.693097;RPE
A	G	221	DP=169;VDB=0.999995;SGB=-0.693145;RPE
C	A	209	DP=84;VDB=0.740497;SGB=-0.69168;RPB=C



A	G	201	DP=72;VDB=0.981032;SGB=-0.690438;RPB=
G	T	213	DP=114;VDB=0.250346;SGB=-0.692831;RPE
A	G	205	DP=87;VDB=0.0225534;SGB=-0.692067;RPE
A	G	207	DP=59;VDB=0.417774;SGB=-0.691153;RPB=
G	A	222	DP=116;VDB=0.591496;SGB=-0.693132;RPE
G	A	222	DP=119;VDB=0.141995;SGB=-0.69311;RPB=
A	G	222	DP=106;VDB=0.0303828;SGB=-0.692976;RF
G	A	215	DP=93;VDB=0.145658;SGB=-0.692831;RPB=
T	G	222	DP=75;VDB=0.61067;SGB=-0.692562;RPB=C
A	G	212	DP=52;VDB=0.965754;SGB=-0.686358;RPB=
G	A	207	DP=98;VDB=0.176814;SGB=-0.692717;RPB=
A	C	202	DP=69;VDB=0.00783274;SGB=-0.690438;RF
A	G	215	DP=98;VDB=0.619789;SGB=-0.692914;RPB=
G	A	222	DP=114;VDB=0.753673;SGB=-0.693054;RPE
G	A	222	DP=103;VDB=0.0302449;SGB=-0.692976;RF
A	G	219	DP=110;VDB=0.0325136;SGB=-0.692976;RF
G	A	222	DP=106;VDB=0.823676;SGB=-0.692976;RPE
A	G	207	DP=86;VDB=0.786008;SGB=-0.69168;RPB=C
A	G	202	DP=86;VDB=0.407116;SGB=-0.692352;RPB=
A	G	212	DP=84;VDB=0.522096;SGB=-0.69168;RPB=C
T	C	215	DP=112;VDB=0.00178693;SGB=-0.692976;R
A	T	210	DP=119;VDB=0.00126826;SGB=-0.692976;R
A	C	210	DP=61;VDB=0.936782;SGB=-0.691153;RPB=
A	G	222	DP=99;VDB=0.955222;SGB=-0.693079;RPB=
T	A	222	DP=100;VDB=0.948029;SGB=-0.693097;RPE
A	G	222	DP=92;VDB=0.246241;SGB=-0.693097;RPB=
A	G	222	DP=113;VDB=0.229587;SGB=-0.693132;RPE
G	A	222	DP=127;VDB=0.760666;SGB=-0.693132;RPE
G	A	222	DP=130;VDB=0.664051;SGB=-0.69312;RPB=
T	C	214	DP=112;VDB=0.378781;SGB=-0.692976;RPE
T	C	222	DP=64;VDB=0.593637;SGB=-0.69168;RPB=C
G	A	210	DP=68;VDB=0.932365;SGB=-0.692352;RPB=
C	A	201	DP=69;VDB=0.834814;SGB=-0.692352;RPB=
T	A	208	DP=80;VDB=0.136328;SGB=-0.692352;RPB=
C	T	208	DP=79;VDB=0.224128;SGB=-0.692352;RPB=
G	A	204	DP=86;VDB=0.175713;SGB=-0.692067;RPB=
T	C	207	DP=92;VDB=0.261798;SGB=-0.692067;RPB=
T	C	210	DP=124;VDB=0.264262;SGB=-0.693021;RPE
T	G	222	DP=120;VDB=0.679256;SGB=-0.69311;RPB=
T	C	202	DP=81;VDB=0.954403;SGB=-0.692352;RPB=
T	C	219	DP=82;VDB=0.9559;SGB=-0.692067;RPB=0.1
A	C	201	DP=97;VDB=0.00442523;SGB=-0.692352;RF
G	A	222	DP=100;VDB=0.0189202;SGB=-0.692562;RF
T	C	222	DP=94;VDB=0.0571166;SGB=-0.692717;RPE
G	A	204	DP=86;VDB=0.126489;SGB=-0.692352;RPB=
C	T	212	DP=82;VDB=0.383185;SGB=-0.692067;RPB=
G	A	218	DP=90;VDB=0.461841;SGB=-0.692976;RPB=

G	C	212	DP=79;VDB=0.668428;SGB=-0.692067;RPB=
G	A	203	DP=116;VDB=0.970295;SGB=-0.692831;RPE
G	C	203	DP=98;VDB=0.00841291;SGB=-0.692831;RF
C	A	222	DP=106;VDB=0.436847;SGB=-0.693054;RPE
T	C	222	DP=69;VDB=0.601843;SGB=-0.692717;RPB=
C	T	204	DP=71;VDB=0.325946;SGB=-0.692067;RPB=
C	T	202	DP=71;VDB=0.0770841;SGB=-0.692067;RPE
C	G	221	DP=85;VDB=0.650866;SGB=-0.692562;RPB=
C	T	211	DP=88;VDB=0.367889;SGB=-0.692562;RPB=
C	T	202	DP=127;VDB=0.379366;SGB=-0.693021;RPE
C	A	213	DP=80;VDB=0.425783;SGB=-0.69168;RPB=C
C	T	207	DP=72;VDB=0.282829;SGB=-0.691153;RPB=
T	C	209	DP=86;VDB=0.779823;SGB=-0.692067;RPB=
T	A	211	DP=113;VDB=0.0989767;SGB=-0.692831;RF
T	C	213	DP=69;VDB=0.758048;SGB=-0.692067;RPB=
A	G	222	DP=89;VDB=0.275751;SGB=-0.692562;RPB=
A	G	211	DP=56;VDB=0.836479;SGB=-0.690438;RPB=
G	A	212	DP=119;VDB=0.151816;SGB=-0.692976;RPE
C	T	217	DP=61;VDB=0.00200449;SGB=-0.69168;RPE
C	A	216	DP=60;VDB=0.0019342;SGB=-0.69168;RPB=
A	G	222	DP=104;VDB=0.0659455;SGB=-0.693079;RF
C	T	222	DP=68;VDB=0.291121;SGB=-0.69168;RPB=C
C	T	222	DP=84;VDB=0.342848;SGB=-0.692831;RPB=
C	T	203	DP=97;VDB=0.178247;SGB=-0.692831;RPB=
C	T	222	DP=88;VDB=0.812087;SGB=-0.692717;RPB=
T	G	208	DP=77;VDB=0.783648;SGB=-0.692562;RPB=
T	A	211	DP=97;VDB=0.926837;SGB=-0.692831;RPB=
C	T	205	DP=61;VDB=0.989417;SGB=-0.691153;RPB=
C	T	222	DP=76;VDB=0.184419;SGB=-0.69168;RPB=C
A	G	222	DP=91;VDB=0.00251643;SGB=-0.692717;RF
T	C	211	DP=129;VDB=0.262363;SGB=-0.69312;RPB=
A	G	204	DP=113;VDB=0.747568;SGB=-0.693021;RPE
C	T	219	DP=91;VDB=0.984002;SGB=-0.692717;RPB=
T	A	213	DP=87;VDB=0.0629162;SGB=-0.692067;RPE
G	C	202	DP=80;VDB=0.63917;SGB=-0.692067;RPB=C
A	G	210	DP=45;VDB=0.632755;SGB=-0.688148;RPB=
T	G	208	DP=65;VDB=0.295676;SGB=-0.691153;RPB=
T	G	222	DP=100;VDB=0.341797;SGB=-0.692914;RPE
G	A	219	DP=120;VDB=0.892597;SGB=-0.693021;RPE
A	C	222	DP=67;VDB=0.514891;SGB=-0.692067;RPB=
A	G	222	DP=67;VDB=0.524808;SGB=-0.692067;RPB=
G	A	208	DP=76;VDB=0.235227;SGB=-0.692562;RPB=
T	A	202	DP=73;VDB=0.552111;SGB=-0.692562;RPB=
T	C	222	DP=73;VDB=0.515328;SGB=-0.692562;RPB=
A	C	201	DP=66;VDB=0.610986;SGB=-0.690438;RPB=
T	G	214	DP=64;VDB=0.581467;SGB=-0.690438;RPB=
T	C	222	DP=77;VDB=0.617481;SGB=-0.692831;RPB=

A	G	221	DP=80;VDB=0.599375;SGB=-0.692831;RPB=
A	G	208	DP=75;VDB=0.0212346;SGB=-0.692562;RPE
G	A	206	DP=76;VDB=0.0196443;SGB=-0.692562;RPE
A	G	208	DP=98;VDB=0.108403;SGB=-0.692562;RPB=
G	A	202	DP=93;VDB=0.0163035;SGB=-0.692562;RPE
A	G	222	DP=55;VDB=0.570313;SGB=-0.691153;RPB=
G	A	220	DP=101;VDB=0.524302;SGB=-0.693054;RPE
G	A	215	DP=98;VDB=0.476295;SGB=-0.693021;RPB=
C	T	219	DP=86;VDB=0.930843;SGB=-0.692831;RPB=
G	A	222	DP=86;VDB=0.873415;SGB=-0.692831;RPB=
T	C	222	DP=88;VDB=0.74387;SGB=-0.692976;RPB=C
T	C	222	DP=72;VDB=0.490627;SGB=-0.692976;RPB=
T	G	203	DP=68;VDB=0.788586;SGB=-0.690438;RPB=
T	C	215	DP=89;VDB=0.936167;SGB=-0.692717;RPB=
A	G	212	DP=93;VDB=0.541896;SGB=-0.692352;RPB=
A	G	215	DP=88;VDB=0.445006;SGB=-0.692562;RPB=
T	A	210	DP=61;VDB=0.209278;SGB=-0.692067;RPB=
G	T	222	DP=61;VDB=0.0306039;SGB=-0.69168;RPB=
T	C	205	DP=115;VDB=0.40026;SGB=-0.692831;RPB=
A	G	209	DP=68;VDB=0.264209;SGB=-0.69168;RPB=C
T	A	222	DP=77;VDB=0.887511;SGB=-0.692067;RPB=
T	C	206	DP=129;VDB=0.717893;SGB=-0.693079;RPE
C	A	222	DP=64;VDB=0.195169;SGB=-0.691153;RPB=
A	T	210	DP=77;VDB=0.176519;SGB=-0.692067;RPB=
T	C	218	DP=79;VDB=0.160902;SGB=-0.692352;RPB=
G	T	222	DP=87;VDB=0.989281;SGB=-0.692976;RPB=
G	T	222	DP=83;VDB=0.945515;SGB=-0.692914;RPB=
G	A	206	DP=68;VDB=0.042134;SGB=-0.690438;RPB=
G	A	216	DP=123;VDB=0.0133433;SGB=-0.692831;RPB=
C	T	210	DP=89;VDB=0.337235;SGB=-0.692067;RPB=
C	T	204	DP=102;VDB=0.884097;SGB=-0.692831;RPE
T	C	219	DP=127;VDB=0.738048;SGB=-0.693097;RPE
T	C	201	DP=83;VDB=0.117931;SGB=-0.692067;RPB=
A	G	211	DP=100;VDB=0.877281;SGB=-0.692717;RPE
C	A	214	DP=107;VDB=0.977299;SGB=-0.692976;RPE
G	A	222	DP=100;VDB=0.728782;SGB=-0.692976;RPE
G	T	217	DP=106;VDB=0.844664;SGB=-0.692976;RPE
G	A	213	DP=99;VDB=0.0424031;SGB=-0.692831;RPE
A	G	208	DP=129;VDB=0.279809;SGB=-0.693097;RPE
G	C	206	DP=49;VDB=0.33346;SGB=-0.686358;RPB=C
G	A	209	DP=43;VDB=0.977732;SGB=-0.689466;RPB=
C	T	206	DP=52;VDB=0.0991356;SGB=-0.689466;RPE
T	C	222	DP=50;VDB=0.0371611;SGB=-0.690438;RPE
C	T	201	DP=87;VDB=0.999724;SGB=-0.692976;RPB=
T	A	203	DP=62;VDB=0.909278;SGB=-0.689466;RPB=
A	G	204	DP=96;VDB=0.998576;SGB=-0.692562;RPB=
C	T	216	DP=82;VDB=0.018874;SGB=-0.69168;RPB=C

G	C	205	DP=61;VDB=0.723033;SGB=-0.69168;RPB=C
T	G	214	DP=79;VDB=0.339822;SGB=-0.692831;RPB=
C	T	211	DP=59;VDB=0.820137;SGB=-0.690438;RPB=
C	G	207	DP=96;VDB=0.049996;SGB=-0.692717;RPB=
T	G	207	DP=91;VDB=0.00868233;SGB=-0.692717;RF
G	A	222	DP=91;VDB=0.857491;SGB=-0.692717;RPB=
C	T	217	DP=72;VDB=0.20395;SGB=-0.692352;RPB=C
A	G	201	DP=66;VDB=0.240121;SGB=-0.69168;RPB=C
A	C	218	DP=98;VDB=0.0379501;SGB=-0.692914;RPE
T	C	222	DP=109;VDB=0.22406;SGB=-0.692976;RPB=
T	G	222	DP=69;VDB=0.0400918;SGB=-0.692352;RPE
T	A	222	DP=73;VDB=0.0484226;SGB=-0.692352;RPE
C	T	205	DP=79;VDB=0.909673;SGB=-0.69168;RPB=C
A	G	209	DP=77;VDB=0.00519814;SGB=-0.692352;RF
G	A	222	DP=71;VDB=0.00220968;SGB=-0.692562;RF
C	T	222	DP=94;VDB=0.000875902;SGB=-0.692914;R
G	A	203	DP=75;VDB=0.569804;SGB=-0.69168;RPB=C
C	T	222	DP=109;VDB=0.434966;SGB=-0.693021;RPE
A	C	222	DP=109;VDB=0.452987;SGB=-0.693021;RPE
G	A	222	DP=113;VDB=0.8767;SGB=-0.693097;RPB=C
G	A	222	DP=93;VDB=0.173841;SGB=-0.693054;RPB=
G	A	209	DP=58;VDB=0.900613;SGB=-0.690438;RPB=
T	A	204	DP=89;VDB=0.996639;SGB=-0.692717;RPB=
G	A	206	DP=86;VDB=0.998389;SGB=-0.692831;RPB=
A	G	213	DP=67;VDB=0.297533;SGB=-0.691153;RPB=
A	G	211	DP=62;VDB=0.122367;SGB=-0.691153;RPB=
T	C	221	DP=69;VDB=0.625691;SGB=-0.692067;RPB=
G	A	221	DP=68;VDB=0.567935;SGB=-0.692067;RPB=
G	C	210	DP=96;VDB=0.337921;SGB=-0.692352;RPB=
T	C	206	DP=93;VDB=0.00453739;SGB=-0.69168;RPE
G	A	207	DP=82;VDB=0.138652;SGB=-0.692562;RPB=
A	G	213	DP=113;VDB=0.753128;SGB=-0.693054;RPE
G	A	201	DP=114;VDB=0.768176;SGB=-0.693054;RPE
G	A	210	DP=96;VDB=0.936325;SGB=-0.692914;RPB=
G	A	216	DP=94;VDB=0.973606;SGB=-0.692976;RPB=
A	G	204	DP=109;VDB=0.243407;SGB=-0.692914;RPE
A	C	205	DP=101;VDB=0.503573;SGB=-0.692831;RPE
A	T	214	DP=84;VDB=0.861911;SGB=-0.692067;RPB=
A	C	212	DP=52;VDB=0.714325;SGB=-0.688148;RPB=
C	T	203	DP=53;VDB=0.541148;SGB=-0.690438;RPB=
G	T	207	DP=43;VDB=0.0504127;SGB=-0.688148;RPE
G	T	222	DP=70;VDB=0.956937;SGB=-0.69168;RPB=C
T	A	222	DP=75;VDB=0.143887;SGB=-0.691153;RPB=
A	G	222	DP=197;VDB=0.965749;SGB=-0.693147;RPE
A	G	222	DP=293;VDB=0.989351;SGB=-0.693147;RPE
A	C	222	DP=297;VDB=0.67548;SGB=-0.693147;RPB=
G	A	225	DP=62;VDB=0.816474;SGB=-0.693146;MQS

G	A	222	DP=72;VDB=0.887041;SGB=-0.692562;RPB=
A	G	221	DP=52;VDB=0.51626;SGB=-0.689466;RPB=C
G	T	208	DP=78;VDB=0.226683;SGB=-0.692067;RPB=
G	T	202	DP=87;VDB=0.894192;SGB=-0.691153;RPB=
G	C	207	DP=82;VDB=0.252783;SGB=-0.69168;RPB=C
T	TAA	220	INDEL;IDV=15;IMF=0.306122;DP=49;VDB=0
G	GAC	220	INDEL;IDV=1;IMF=0.0204082;DP=49;VDB=0
TC	TCGC	222	INDEL;IDV=1;IMF=0.0208333;DP=48;VDB=0
C	T	222	DP=69;VDB=0.113726;SGB=-0.692914;RPB=
T	C	222	DP=71;VDB=0.690755;SGB=-0.69311;RPB=C
A	G	222	DP=115;VDB=0.000260597;SGB=-0.693147;
T	C	222	DP=140;VDB=0.0828905;SGB=-0.693147;RF
C	T	208	DP=140;VDB=0.0891339;SGB=-0.693147;RF
C	G	222	DP=137;VDB=0.00976752;SGB=-0.693147;R
A	AC	222	INDEL;IDV=84;IMF=0.525;DP=160;VDB=0.56
C	A	222	DP=166;VDB=0.393586;SGB=-0.693147;RPE
A	G	222	DP=172;VDB=0.344186;SGB=-0.693147;RPE
A	G	222	DP=176;VDB=0.257674;SGB=-0.693147;RPE
C	T	222	DP=185;VDB=0.386994;SGB=-0.693147;RPE
T	G	222	DP=189;VDB=0.021067;SGB=-0.693147;RPE
A	G	222	DP=179;VDB=1.15255e-06;SGB=-0.693147;I
T	C	203	DP=142;VDB=0.0814231;SGB=-0.693132;RF
G	A	219	DP=74;VDB=0.753845;SGB=-0.69168;RPB=C
A	G	222	DP=106;VDB=0.501624;SGB=-0.692914;RPE
G	A	222	DP=132;VDB=0.891196;SGB=-0.69311;RPB=
A	G	222	DP=130;VDB=0.253084;SGB=-0.693079;RPE
T	C	218	DP=127;VDB=0.161891;SGB=-0.693054;RPE
T	C	208	DP=75;VDB=0.056825;SGB=-0.691153;RPB=
C	G	225	DP=168;VDB=0.000290419;SGB=-0.693147;
G	A	225	DP=98;VDB=0.19146;SGB=-0.693147;MQSB
A	C	225	DP=151;VDB=0.00333657;SGB=-0.693147;M
A	G	225	DP=132;VDB=0.000284351;SGB=-0.693147;
A	G	225	DP=86;VDB=0.000826126;SGB=-0.693147;M
G	T	222	DP=124;VDB=0.560011;SGB=-0.693144;RPE
G	A	225	DP=179;VDB=0.0887528;SGB=-0.693147;M
G	T	225	DP=110;VDB=0.970497;SGB=-0.693147;MQ
C	T	222	DP=114;VDB=0.689621;SGB=-0.693147;RPE
CTGCACCTGCACCTGCACCTGCTGCACCTGCACCTGCACCTG		219	INDEL;IDV=14;IMF=0.222222;DP=63;VDB=0
TCAGCTCC	TCACACAGACCATCTTTCCA	207	INDEL;IDV=1;IMF=0.030303;DP=33;VDB=3.2
TGTG	TGTGCAGGATGTG	216	INDEL;IDV=4;IMF=0.038835;DP=103;VDB=0
C	G	228	DP=109;VDB=0.00471784;SGB=-0.693147;R
G	A	225	DP=61;VDB=0.819777;SGB=-0.693147;MQS
A	C	228	DP=91;VDB=0.961351;SGB=-0.693147;RPB=
A	G	225	DP=80;VDB=0.0072366;SGB=-0.693147;MQ
C	A	222	DP=88;VDB=0.65682;SGB=-0.693146;RPB=C
G	T	225	DP=87;VDB=0.96825;SGB=-0.693147;MQSB
C	A	228	DP=77;VDB=0.0897952;SGB=-0.693147;RPE

C	T	225	DP=44;VDB=0.689416;SGB=-0.693145;MQS
C	T	225	DP=74;VDB=0.33066;SGB=-0.693147;MQSB
G	A	225	DP=74;VDB=0.0468734;SGB=-0.693147;MQ
A	T	225	DP=77;VDB=0.907257;SGB=-0.693147;MQS
C	T	225	DP=142;VDB=0.990345;SGB=-0.693147;MQ
T	A	222	DP=80;VDB=0.997534;SGB=-0.692831;RPB=
A	T	225	DP=75;VDB=0.722201;SGB=-0.693147;MQS
A	G	225	DP=63;VDB=0.0206216;SGB=-0.693147;MQ
GTA	GTATGGGGAGCAGTA	205	INDEL;IDV=8;IMF=0.119403;DP=67;VDB=7.(
TA	TATTATTATGGGGAGCAGTA	222	INDEL;IDV=1;IMF=0.0142857;DP=70;VDB=1
T	CGATTATTATGGGGAGCAGT/	214	INDEL;IDV=1;IMF=0.010989;DP=91;VDB=3.(
C	T	225	DP=42;VDB=0.905549;SGB=-0.693054;MQS
C	T	225	DP=52;VDB=1.82664e-05;SGB=-0.693146;M
A	T	225	DP=56;VDB=0.765056;SGB=-0.693147;MQS
C	T	225	DP=118;VDB=0.926755;SGB=-0.693147;MQ
A	G	225	DP=58;VDB=0.00060202;SGB=-0.693147;M
C	T	225	DP=65;VDB=0.816229;SGB=-0.693147;MQS
C	T	228	DP=68;VDB=0.0121447;SGB=-0.693147;RPE
A	T	225	DP=68;VDB=0.961435;SGB=-0.693147;MQS
C	T	225	DP=110;VDB=0.906864;SGB=-0.693147;MQ
A	G	225	DP=46;VDB=0.12998;SGB=-0.693136;MQSB
A	C	216	DP=222;VDB=0.0544527;SGB=-0.693147;RF
T	C	209	DP=210;VDB=0.0653156;SGB=-0.693147;RF
T	G	222	DP=196;VDB=0.302577;SGB=-0.693147;RPE
T	C	225	DP=252;VDB=0.582108;SGB=-0.693147;MQ
C	T	218	DP=407;VDB=7.54854e-11;SGB=-0.693147;I
T	G	222	DP=447;VDB=2.70818e-11;SGB=-0.693147;I
G	A	222	DP=448;VDB=5.92443e-11;SGB=-0.693147;I
T	G	225	DP=64;VDB=0.999971;SGB=-0.693147;MQS
T	G	225	DP=51;VDB=0.430523;SGB=-0.693146;MQS
T	G	225	DP=34;VDB=0.69001;SGB=-0.693079;MQSB
G	T	201	DP=61;VDB=0.0120231;SGB=-0.693139;RPE
C	T	225	DP=57;VDB=0.359131;SGB=-0.693146;MQS
G	C	225	DP=63;VDB=0.645588;SGB=-0.693147;MQS
T	G	228	DP=327;VDB=1;SGB=-0.693147;RPB=1;MQE
T	G	225	DP=167;VDB=0.984388;SGB=-0.693147;MQ
T	G	225	DP=205;VDB=0.894952;SGB=-0.693147;MQ
A	C	222	DP=218;VDB=0.317757;SGB=-0.693147;RPE
T	C	218	DP=211;VDB=0.282624;SGB=-0.693147;RPE
C	A	207	DP=209;VDB=0.281903;SGB=-0.693147;RPE
T	G	214	DP=197;VDB=0.240075;SGB=-0.693147;RPE
G	A	216	DP=458;VDB=9.70608e-09;SGB=-0.693147;I
C	T	220	DP=458;VDB=1.40749e-08;SGB=-0.693147;I
C	T	207	DP=462;VDB=9.66353e-10;SGB=-0.693147;I
C	T	225	DP=281;VDB=0.0104955;SGB=-0.693147;M
G	C	225	DP=332;VDB=0.999906;SGB=-0.693147;MQ
G	A	202	DP=500;VDB=0.000227304;SGB=-0.693147;

G	A	216	DP=506;VDB=8.75615e-05;SGB=-0.693147;I
G	A	202	DP=504;VDB=0.311782;SGB=-0.693147;RPE
T	C	222	DP=429;VDB=0.679237;SGB=-0.693147;RPE
C	A	222	DP=433;VDB=0.781925;SGB=-0.693147;RPE
A	G	213	DP=399;VDB=0.0124752;SGB=-0.693147;RF
A	G	222	DP=379;VDB=0.0025411;SGB=-0.693147;RF
T	C	222	DP=383;VDB=0.000840163;SGB=-0.693147;
A	C	222	DP=381;VDB=0.00167079;SGB=-0.693147;R
C	T	225	DP=181;VDB=0.896441;SGB=-0.693147;MQ
G	A	202	DP=282;VDB=1.84175e-08;SGB=-0.693147;I
C	T	206	DP=284;VDB=2.66508e-08;SGB=-0.693147;I
C	T	222	DP=293;VDB=2.26824e-08;SGB=-0.693147;I
T	G	210	DP=319;VDB=4.63445e-07;SGB=-0.693147;I
C	T	215	DP=318;VDB=9.43051e-24;SGB=-0.693147;I
G	T	202	DP=184;VDB=9.35625e-07;SGB=-0.693147;I
G	A	207	DP=187;VDB=8.73483e-08;SGB=-0.693147;I
C	T	209	DP=186;VDB=1.88943e-08;SGB=-0.693147;I
C	T	213	DP=188;VDB=1.15154e-07;SGB=-0.693147;I
T	G	212	DP=205;VDB=1.67166e-07;SGB=-0.693147;I
C	G	225	DP=148;VDB=0.909121;SGB=-0.693147;MQ
A	G	225	DP=96;VDB=0.935024;SGB=-0.693147;MQS
G	A	225	DP=60;VDB=0.0119787;SGB=-0.693147;MQ
C	T	202	DP=114;VDB=1.95609e-06;SGB=-0.693147;I
G	A	225	DP=68;VDB=0.083252;SGB=-0.693147;MQS
C	T	225	DP=133;VDB=0.670484;SGB=-0.693147;MQ
G	A	228	DP=196;VDB=0.00493482;SGB=-0.693147;R
G	A	228	DP=194;VDB=0.00208654;SGB=-0.693147;R
G	A	208	DP=213;VDB=0.0192191;SGB=-0.693147;RF
C	T	225	DP=108;VDB=0.844126;SGB=-0.693147;MQ
G	A	225	DP=105;VDB=0.999813;SGB=-0.693147;MQ
C	T	225	DP=49;VDB=0.214362;SGB=-0.693145;MQS
A	G	228	DP=97;VDB=0.202366;SGB=-0.693147;RPB=
A	G	228	DP=99;VDB=0.384911;SGB=-0.693147;RPB=
A	G	221	DP=95;VDB=0.571577;SGB=-0.693147;RPB=
G	A	222	DP=109;VDB=0.900076;SGB=-0.693147;RPE
C	T	222	DP=104;VDB=0.329179;SGB=-0.693143;RPE
G	A	225	DP=101;VDB=0.213957;SGB=-0.693147;MQ
C	T	225	DP=28;VDB=0.338393;SGB=-0.692717;MQS
G	C	225	DP=43;VDB=0.0256142;SGB=-0.693127;MQ
A	G	222	DP=46;VDB=0.407296;SGB=-0.693097;RPB=
A	G	221	DP=45;VDB=0.342035;SGB=-0.693097;RPB=
A	G	220	DP=43;VDB=0.222375;SGB=-0.693054;RPB=
G	A	222	DP=50;VDB=0.399331;SGB=-0.693054;RPB=
C	T	222	DP=54;VDB=0.293258;SGB=-0.692717;RPB=
C	T	205	DP=40;VDB=0.686026;SGB=-0.692976;RPB=
C	T	206	DP=40;VDB=0.691349;SGB=-0.692976;RPB=
A	T	225	DP=74;VDB=0.99993;SGB=-0.693147;MQSB

A	G	225	DP=41;VDB=0.518963;SGB=-0.69312;MQSB
A	G	220	DP=67;VDB=0.760011;SGB=-0.693147;RPB=
A	G	220	DP=69;VDB=0.682353;SGB=-0.693146;RPB=
A	G	221	DP=66;VDB=0.83518;SGB=-0.693144;RPB=C
G	A	222	DP=67;VDB=0.596069;SGB=-0.693127;RPB=
C	T	222	DP=74;VDB=0.590911;SGB=-0.692717;RPB=
G	A	228	DP=56;VDB=0.285391;SGB=-0.693147;RPB=
C	T	225	DP=46;VDB=0.381149;SGB=-0.693145;MQS
A	G	225	DP=32;VDB=0.393723;SGB=-0.692914;MQS
G	A	225	DP=37;VDB=0.635569;SGB=-0.69311;MQSB
CTTT	CTT	228	INDEL;IDV=44;IMF=0.956522;DP=46;VDB=0
A	G	228	DP=45;VDB=0.0846592;SGB=-0.69312;RPB=
A	G	221	DP=46;VDB=0.0782511;SGB=-0.69312;RPB=
A	G	221	DP=47;VDB=0.0211116;SGB=-0.693097;RPE
G	A	222	DP=59;VDB=0.356174;SGB=-0.69312;RPB=C
C	T	216	DP=61;VDB=0.157553;SGB=-0.692717;RPB=
C	T	212	DP=38;VDB=0.882013;SGB=-0.692831;RPB=
C	T	212	DP=38;VDB=0.884785;SGB=-0.692831;RPB=
C	T	225	DP=53;VDB=0.204562;SGB=-0.693147;MQS
C	T	225	DP=47;VDB=0.385127;SGB=-0.693139;MQS
T	C	208	DP=28;VDB=0.163007;SGB=-0.69168;RPB=C
C	T	225	DP=27;VDB=0.1882;SGB=-0.692352;MQSB=
C	T	225	DP=29;VDB=0.153134;SGB=-0.692352;MQS
C	T	225	DP=29;VDB=0.146678;SGB=-0.692352;MQS
G	A	225	DP=70;VDB=0.314213;SGB=-0.693147;MQS
A	G	220	DP=66;VDB=0.389954;SGB=-0.693139;RPB=
A	G	220	DP=65;VDB=0.33641;SGB=-0.693139;RPB=C
A	G	221	DP=62;VDB=0.784807;SGB=-0.693136;RPB=
G	A	222	DP=64;VDB=0.606283;SGB=-0.693097;RPB=
C	A	225	DP=62;VDB=0.178467;SGB=-0.693147;MQS



































=0.816904;MQB=0.991943;MQSB=0.984583;BQB=0.221872;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=10,4,2€



=0.000253765;MQB=1.29326e-09;MQSB=6.58163e-09;BQB=0.100024;MQ0F=0;AC=2;AN=2;DP4=23,0,16,19;N





-0.00712826;MQB=1.75084e-05;MQSB=0.000689943;BQB=0.844936;MQ0F=0;AC=2;AN=2;DP4=9,0,21,22;MQ

=0.611875;MQB=1;MQSB=1;BQB=0.947801;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,11,10,9;MQ=42









555556;MQB=1;MQSB=1;BQB=0.583333;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=1,1,10,8;MQ=42

=0.258344;MQB=0.210393;MQSB=0.772808;BQB=0.872781;MQ0F=0;AC=2;AN=2;DP4=0,3,13,10;MQ=40

-0.174781;MQB=0.00117088;MQSB=0.082085;BQB=0.710548;MQ0F=0;AC=2;AN=2;DP4=0,8,9,7;MQ=25









37722;SGB=-0.686358;MQSB=0.929205;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=13,10,3,11;MQ=38

'B=0.102251;MQB=0.192525;MQSB=0.525505;BQB=0.771895;MQOF=0.00934579;ICB=1;HOB=0.5;AC=1;AN=2;  
}=0.822731;MQB=0.0651306;MQSB=0.162003;BQB=0.960085;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,21;  
'B=0.62889;MQB=0.984549;MQSB=0.909742;BQB=0.786026;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,21;

}=1.05912e-12;MQB=0.577181;MQSB=0.00566466;BQB=0.0364963;MQOF=0.00735294;ICB=1;HOB=0.5;AC=1;  
;RPB=1.61239e-09;MQB=0.191969;MQSB=0.00322867;BQB=0.297147;MQOF=0.00869565;ICB=1;HOB=0.5;AC=  
=0.260708;MQB=0.0106654;MQSB=0.543491;BQB=0.935347;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=12,14,  
=0.748103;MQB=0.0260415;MQSB=0.00558914;BQB=0.524615;MQOF=0.0869565;AC=2;AN=2;DP4=1,4,31,22;  
=0.500668;MQB=0.0210314;MQSB=0.00140974;BQB=0.927569;MQOF=0.0789474;AC=2;AN=2;DP4=1,4,36,21;  
=0.568948;MQB=0.0695823;MQSB=0.0700226;BQB=0.998934;MQOF=0.060241;AC=2;AN=2;DP4=1,2,41,22;M  
=0.122687;MQB=0.0379926;MQSB=0.000418852;BQB=0.780776;MQOF=0.00943396;ICB=1;HOB=0.5;AC=1;AN  
=0.859546;MQB=0.930271;MQSB=0.018019;BQB=0.958614;MQOF=0.0107527;ICB=1;HOB=0.5;AC=1;AN=2;DP  
=0.438458;MQB=0.00592092;MQSB=0.13162;BQB=0.0161495;MQOF=0.0143885;ICB=1;HOB=0.5;AC=1;AN=2;I  
}=0.54305;MQB=0.00701011;MQSB=0.115584;BQB=0.00210801;MQOF=0.0141844;ICB=1;HOB=0.5;AC=1;AN=  
}=0.441248;MQB=0.0182557;MQSB=0.165889;BQB=0.00525219;MQOF=0.00699301;ICB=1;HOB=0.5;AC=1;AN  
}=0.405704;MQB=0.0270917;MQSB=0.943066;BQB=0.227125;MQOF=0.00826446;ICB=1;HOB=0.5;AC=1;AN=2  
}=0.0886004;MQB=0.0047771;MQSB=0.967241;BQB=0.0350522;MQOF=0.0222222;ICB=1;HOB=0.5;AC=1;AN=  
}=0.0899625;MQB=0.00391046;MQSB=0.94594;BQB=0.0308687;MQOF=0.0217391;ICB=1;HOB=0.5;AC=1;AN=  
) .567878;MQB=0.226287;MQSB=0.717944;BQB=0.940868;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,10,15  
'B=0.324968;MQB=7.68773e-11;MQSB=0.222817;BQB=0.888097;MQOF=0.0810811;ICB=1;HOB=0.5;AC=1;AN=  
;RPB=0.0639719;MQB=4.04892e-10;MQSB=0.920631;BQB=0.928907;MQOF=0.0695652;ICB=1;HOB=0.5;AC=1;A



{PB=0.118673;MQB=6.25529e-11;MQSB=0.956049;BQB=0.922729;MQOF=0.0695652;ICB=1;HOB=0.5;AC=1;AN=149322;MQB=0.000153169;MQSB=0.351102;BQB=0.841688;MQOF=0.0108696;ICB=1;HOB=0.5;AC=1;AN=2;DP4=1;MQB=0.275182;MQB=0.000889284;MQSB=0.467487;BQB=0.993666;MQOF=0.010989;ICB=1;HOB=0.5;AC=1;AN=3;MQB=0.0220308;MQB=0.0203432;MQSB=0.919308;BQB=0.379557;MQOF=0.0128205;ICB=1;HOB=0.5;AC=1;AN=2;DP4=1;MQB=0.00830606;MQB=0.15925;MQSB=0.266102;BQB=0.393938;MQOF=0.0128205;ICB=1;HOB=0.5;AC=1;AN=2;DP4=1;MQB=0.00354923;MQB=0.137397;MQSB=0.175702;BQB=0.469882;MQOF=0.0135135;ICB=1;HOB=0.5;AC=1;AN=2;DP4=1;MQB=0.0420422;MQB=0.305968;MQSB=0.0363586;BQB=0.139771;MQOF=0.0142857;ICB=1;HOB=0.5;AC=1;AN=2;DP4=1;MQB=0.760883;MQB=1;MQSB=0.768869;BQB=0.2618;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,16,47,15;MQB=0.345069;MQB=0.988252;MQSB=0.970151;BQB=0.788109;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,10,46;MQB=0.663357;MQB=1;MQSB=1;BQB=0.88854;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=55,13,37,12;MQB=0.956115;MQB=1;MQSB=1;BQB=0.967567;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=49,27,46,29;MQB=0.651211;MQB=0.283511;MQSB=1;BQB=0.810445;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,6,7,10;MQB=0.281316;MQB=0.873146;MQSB=0.90685;BQB=0.647979;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=11,15,16,47;MQB=0.136701;MQB=0.716109;MQSB=0.934617;BQB=0.968234;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=42,34,1,46;MQB=0.988717;MQB=0.344847;MQSB=0.757498;BQB=0.76961;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=46,30,2,46;MQB=0.564892;MQB=0.492174;MQSB=0.843155;BQB=0.346962;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=46,30,2,46;MQB=0.964614;MQB=0.544377;MQSB=0.932447;BQB=0.750995;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=50,26,46,46;MQB=0.12925;MQB=1;MQSB=1;BQB=0.478757;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,15,11,17;MQB=0.555662;MQB=0.000296812;MQSB=0.0556407;BQB=0.827442;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=4;MQB=0.75417;MQB=1.91305e-05;MQSB=0.703251;BQB=0.922321;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=56,6,46,46;MQB=0.993036;MQB=2.38396e-06;MQSB=0.666571;BQB=0.376887;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=59,46,46,46;PB=0.998307;MQB=3.69944e-06;MQSB=0.647569;BQB=0.917696;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=59,46,46,46;PB=0.999902;MQB=2.40185e-06;MQSB=0.647569;BQB=0.890264;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=59,46,46,46;PB=0.966544;MQB=2.40185e-06;MQSB=0.50266;BQB=0.851988;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=59,46,46,46;MQB=0.976357;MQB=0.0035064;MQSB=0.945702;BQB=0.891036;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,3,46,46;MQB=0.946292;MQB=0.00198569;MQSB=0.95555;BQB=0.999177;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,3,46,46;RPB=0.878786;MQB=0.000208785;MQSB=0.104099;BQB=0.948875;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,3,46,46;MQB=0.911556;MQB=2.20833e-20;MQSB=0.998251;BQB=0.822079;MQOF=0.00434783;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,3,46,46;MQB=0.975825;MQB=2.75305e-24;MQSB=0.987877;BQB=0.649753;MQOF=0.00446429;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,3,46,46;MQB=0.97088;MQB=9.61832e-25;MQSB=0.986507;BQB=0.721167;MQOF=0.00429185;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,3,46,46;MQB=0.801166;MQB=1.34383e-25;MQSB=0.986922;BQB=0.86648;MQOF=0.00423729;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,3,46,46;MQB=0.7279;MQB=1.74255e-25;MQSB=0.993111;BQB=0.958048;MQOF=0.00425532;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,3,46,46;MQB=0.839583;MQB=1.15824e-25;MQSB=0.680955;BQB=0.651991;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=67,46,46,46;MQB=0.920807;MQB=7.58885e-26;MQSB=0.686038;BQB=0.995053;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=68,46,46,46;MQB=0.969828;MQB=2.77185e-25;MQSB=0.610184;BQB=0.979453;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=66,46,46,46;MQB=0.655243;MQB=1.50372e-20;MQSB=0.557524;BQB=0.0752354;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=6,46,46,46;MQB=0.92078;MQB=0.929774;MQSB=0.619742;BQB=0.355802;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=54,26,5,46;MQB=0.992614;MQB=0.991586;MQSB=0.991167;BQB=0.346336;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=46,39,46,46;MQB=0.752105;MQB=0.964507;MQSB=0.980389;BQB=0.927208;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=55,21,46,46;MQB=0.733485;MQB=1;MQSB=1;BQB=0.612326;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,45,25,46;MQB=0.984024;MQB=0.935174;MQSB=0.766848;BQB=0.314079;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,46,46,46;MQB=0.99531;MQB=0.841336;MQSB=0.980739;BQB=0.983338;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=53,44,4,46;MQB=0.998309;MQSB=0.999991;BQB=0.000916701;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,28,75,46;MQB=0.998563;MQSB=0.999701;BQB=0.0121616;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=42,32,75,35;MQB=0.645731;MQB=0.72231;MQSB=0.799057;BQB=0.929317;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,25,3,46;MQB=0.716171;MQB=0.981958;MQSB=0.612298;BQB=0.540641;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=70,9,7,46;MQB=0.367444;MQB=0.0537712;MQSB=0.0410436;BQB=0.419962;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=46,46,46,46;

3=0.596407;MQB=0.413818;MQSB=0.0656026;BQB=0.994106;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=53,1  
3=0.709372;MQB=0.899763;MQSB=0.415651;BQB=0.95958;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=50,25,5  
PB=0.330398;MQB=0.0265471;MQSB=0.959473;BQB=0.465215;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37  
PB=0.622245;MQB=0.0485645;MQSB=0.966862;BQB=0.880246;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34  
PB=0.647926;MQB=0.0485645;MQSB=0.966862;BQB=0.876449;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,  
=0.580033;MQB=1;MQSB=1;BQB=0.783851;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,14,18,18;MQ=42  
=0.937172;MQB=0.393268;MQSB=2.22638e-05;BQB=0.975158;MQ0F=0.0588235;ICB=1;HOB=0.5;AC=1;AN=2;  
3=0.332351;MQB=0.41594;MQSB=6.12026e-05;BQB=0.768604;MQ0F=0.0490196;ICB=1;HOB=0.5;AC=1;AN=2;  
).667714;MQB=0.993109;MQSB=0.756611;BQB=0.682793;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,21,29  
3=0.553173;MQB=0.992372;MQSB=0.747159;BQB=0.707346;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,20  
3=0.971791;MQB=0.998148;MQSB=0.787306;BQB=0.936913;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,22  
3=0.418738;MQB=0.718142;MQSB=0.795277;BQB=0.0572498;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=42,11  
=0.943257;MQB=0.407375;MQSB=0.161498;BQB=0.195348;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,36,1  
=0.893858;MQB=0.400121;MQSB=0.0796861;BQB=0.894958;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=66,6,4  
3=0.326344;MQB=0.00201893;MQSB=0.153932;BQB=0.421794;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,  
3=0.409157;MQB=0.000576717;MQSB=0.0583143;BQB=0.612415;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=2  
PB=0.420633;MQB=0.000543293;MQSB=0.0345684;BQB=0.88248;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=2  
3=0.723774;MQB=0.00139398;MQSB=0.0373579;BQB=0.945166;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22  
  
PB=0.254754;MQB=0.345686;MQSB=0.998939;BQB=0.929918;MQ0F=0.0102041;ICB=1;HOB=0.5;AC=1;AN=2  
3=0.922569;MQB=0.0121679;MQSB=0.00173375;BQB=0.985042;MQ0F=0.00819672;ICB=1;HOB=0.5;AC=1;AN  
PB=0.606191;MQB=0.293369;MQSB=0.863336;BQB=0.994283;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,1  
=0.341463;MQB=0.317073;MQSB=0.384987;BQB=0.756098;MQ0F=0.0526316;AC=2;AN=2;DP4=2,0,34,7;MQ=  
=0.966602;MQB=0.611631;MQSB=0.0263248;BQB=0.978263;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,16  
=0.561908;MQB=3.26347e-08;MQSB=0.0259034;BQB=0.669513;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19  
=0.827659;MQB=1.19949e-06;MQSB=0.028692;BQB=0.0178841;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18  
=0.672194;MQB=2.67451e-07;MQSB=0.0444331;BQB=0.747421;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20  
).373664;MQB=1.41015e-05;MQSB=0.00408837;BQB=0.995593;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20  
  
=0.899097;MQB=0.406938;MQSB=0.0577129;BQB=0.191116;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,2,2  
=0.938068;MQB=0.444547;MQSB=0.043961;BQB=0.0158953;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,2,2  
=0.887481;MQB=0.345365;MQSB=0.0703634;BQB=0.0641415;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,2  
350681;MQB=0.225347;MQSB=0.998583;BQB=0.0292737;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,7,21,  
=0.384768;MQB=0.140232;MQSB=0.990372;BQB=0.0130339;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,7,1  
=0.680699;MQB=0.15316;MQSB=0.896568;BQB=0.00212462;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,8,2  
3=0.383775;MQB=0.255429;MQSB=0.820649;BQB=0.986052;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=45,12  
=0.933497;MQB=3.43911e-09;MQSB=0.823839;BQB=0.946876;MQ0F=0.0105263;ICB=1;HOB=0.5;AC=1;AN=2;  
=0.931476;MQB=3.43911e-09;MQSB=0.823839;BQB=0.772338;MQ0F=0.0105263;ICB=1;HOB=0.5;AC=1;AN=2;  
=0.843962;MQB=0.00802227;MQSB=0.205235;BQB=0.890305;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,1  
3=0.492319;MQB=0.991642;MQSB=0.0868387;BQB=0.917274;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,2  
=0.909762;MQB=0.984982;MQSB=0.993657;BQB=0.476424;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,15,3  
3=0.152363;MQB=0.999166;MQSB=0.99853;BQB=0.506245;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,18,4  
3=0.258141;MQB=0.990708;MQSB=0.9996;BQB=0.155849;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,22,40  
3=0.892933;MQB=0.679317;MQSB=0.98895;BQB=0.648239;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=9,13,9,  
3=0.585564;MQB=0.679317;MQSB=0.999761;BQB=0.585564;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=8,14,8  
=0.598107;MQB=0.679317;MQSB=0.999761;BQB=0.371626;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=8,14,8,  
=0.228363;MQB=0.885801;MQSB=0.917575;BQB=0.325868;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=12,10,1

}=0.529834;MQB=0.979978;MQSB=0.985405;BQB=0.633611;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,25,  
'B=0.934502;MQB=0.788399;MQSB=0.983822;BQB=0.419243;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,1.  
}=0.937186;MQB=0.725887;MQSB=0.998263;BQB=0.142386;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,10,  
}=0.728757;MQB=0.945154;MQSB=0.992201;BQB=0.974919;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,10,  
=0.47474;MQB=1;MQSB=1;BQB=0.813534;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=11,13,11,17;MQ=42  
=0.453441;MQB=0.121576;MQSB=0.0740596;BQB=0.8689;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,5,30,  
}=0.973434;MQB=0.000400896;MQSB=0.911109;BQB=0.322244;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=56  
'B=0.976432;MQB=0.000400896;MQSB=0.911109;BQB=0.427542;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=5  
'B=0.980602;MQB=0.000400896;MQSB=0.911109;BQB=0.0605355;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=  
=0.929163;MQB=0.0437463;MQSB=0.987138;BQB=0.4865;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,26,24  
}=0.335816;MQB=0.0326066;MQSB=0.812816;BQB=0.610412;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,2,  
'PB=0.889522;MQB=0.0720309;MQSB=0.329422;BQB=0.789762;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=42  
}=0.257137;MQB=6.21755e-12;MQSB=0.536993;BQB=0.650068;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34  
=0.103271;MQB=4.47724e-16;MQSB=0.318279;BQB=0.999755;MQ0F=0.00694444;ICB=1;HOB=0.5;AC=1;AN=  
}=0.111849;MQB=2.10666e-16;MQSB=0.318218;BQB=0.933067;MQ0F=0.00671141;ICB=1;HOB=0.5;AC=1;AN=  
}=0.0866705;MQB=8.6714e-17;MQSB=0.515454;BQB=0.97817;MQ0F=0.00689655;ICB=1;HOB=0.5;AC=1;AN=  
}=0.0456383;MQB=6.46934e-16;MQSB=0.586496;BQB=0.893273;MQ0F=0.00680272;ICB=1;HOB=0.5;AC=1;AN=  
'B=0.676909;MQB=5.01876e-17;MQSB=0.970521;BQB=0.981517;MQ0F=0.00699301;ICB=1;HOB=0.5;AC=1;AN=  
'B=0.864156;MQB=2.84412e-17;MQSB=0.92967;BQB=0.978634;MQ0F=0.00680272;ICB=1;HOB=0.5;AC=1;AN=  
'B=0.999962;MQB=9.03602e-17;MQSB=0.866129;BQB=0.428184;MQ0F=0.0070922;ICB=1;HOB=0.5;AC=1;AN=  
}=0.740023;MQB=4.37198e-15;MQSB=0.998971;BQB=0.974222;MQ0F=0.00684932;ICB=1;HOB=0.5;AC=1;AN=  
}=0.469932;MQB=0.983958;MQSB=0.978323;BQB=0.438581;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,24,  
}=0.886078;MQB=0.821284;MQSB=0.949242;BQB=0.786789;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,49,  
}=0.495703;MQB=0.869304;MQSB=0.973711;BQB=0.9907;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,29,25  
;RPB=0.290048;MQB=0.800973;MQSB=0.784615;BQB=0.999823;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=12  
'PB=0.905792;MQB=0.777279;MQSB=0.840669;BQB=0.57014;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=8,20,  
'B=0.650903;MQB=0.986357;MQSB=0.979625;BQB=0.970912;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=45,3,  
}=0.95289;MQB=0.914408;MQSB=0.990129;BQB=0.921109;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,33,3  
}=0.717919;MQB=0.915783;MQSB=0.989034;BQB=0.0786347;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,3  
}=0.42133;MQB=0.992041;MQSB=0.870842;BQB=0.856662;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,28,1  
}=0.241369;MQB=0.968524;MQSB=0.999995;BQB=0.97899;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=50,8,61  
'B=0.997717;MQB=0.930134;MQSB=0.0141643;BQB=0.975475;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,  
=0.685555;MQB=0.969723;MQSB=0.00934549;BQB=0.972179;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=44,2  
}=0.980605;MQB=0.34332;MQSB=0.995122;BQB=0.499544;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=45,21,3  
}=0.963633;MQB=0.00772209;MQSB=0.996393;BQB=0.233003;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,  
}=0.470344;MQB=0.00495826;MQSB=0.994864;BQB=0.625146;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,  
}=0.471844;MQB=0.00421251;MQSB=0.997724;BQB=0.960418;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,  
=0.998789;MQB=0.906484;MQSB=0.84177;BQB=0.967143;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=13,12,11  
}=0.299287;MQB=0.934373;MQSB=0.995299;BQB=0.998116;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,24,  
=0.278308;MQB=0.93683;MQSB=0.610922;BQB=0.841311;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,16,43  
}=0.697268;MQB=0.931916;MQSB=0.182811;BQB=0.679499;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,23,  
;RPB=0.333599;MQB=0.721693;MQSB=0.184395;BQB=0.547867;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=46  
}=0.145344;MQB=0.0146906;MQSB=0.0778847;BQB=0.774679;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,  
'B=0.740415;MQB=0.00388138;MQSB=0.0131683;BQB=0.836286;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=1  
'B=0.817654;MQB=0.00752745;MQSB=0.0187491;BQB=0.972446;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=1  
'B=0.919676;MQB=0.0137302;MQSB=0.322727;BQB=0.992388;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=13,

0.131511;SGB=-0.693147;MQSB=0.893607;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,51,28,31;MQ=41

}=0.805792;MQB=0.0314087;MQSB=0.00672058;BQB=0.928239;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=47  
'B=0.435266;MQB=0.253326;MQSB=0.569533;BQB=0.917762;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=44,2'  
RPB=7.37678e-14;MQB=0.158251;MQSB=2.52317e-07;BQB=0.138714;MQ0F=0.0518519;ICB=1;HOB=0.5;AC=  
RPB=1.08575e-14;MQB=0.299484;MQSB=8.88627e-07;BQB=0.721322;MQ0F=0.05;ICB=1;HOB=0.5;AC=1;AN=  
RPB=2.10438e-13;MQB=0.481605;MQSB=3.99038e-06;BQB=0.825002;MQ0F=0.0542636;ICB=1;HOB=0.5;AC=  
RPB=2.96348e-13;MQB=0.982322;MQSB=0.000837925;BQB=0.975615;MQ0F=0.0538462;ICB=1;HOB=0.5;AC=  
RPB=5.91242e-14;MQB=0.732366;MQSB=0.00468211;BQB=0.474686;MQ0F=0.0564516;ICB=1;HOB=0.5;AC=1  
;RPB=8.27913e-14;MQB=0.791941;MQSB=0.0354483;BQB=0.523108;MQ0F=0.056;ICB=1;HOB=0.5;AC=1;AN=;

=0.802111;MQB=0.975797;MQSB=0.957088;BQB=0.990334;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,11,1  
=0.104412;MQB=0.000170976;MQSB=0.0325001;BQB=0.0270208;MQ0F=0.0537634;AC=2;AN=2;DP4=7,2,36,;  
}=0.0295282;MQB=0.000241291;MQSB=0.00095668;BQB=0.154538;MQ0F=0.046729;AC=2;AN=2;DP4=6,2,48  
}=0.203947;MQB=0.000161827;MQSB=0.240635;BQB=0.176705;MQ0F=0.0186916;AC=2;AN=2;DP4=6,1,53,1}  
'B=0.116603;MQB=0.076029;MQSB=3.98419e-05;BQB=0.672037;MQ0F=0.00917431;ICB=1;HOB=0.5;AC=1;AN  
}=0.073324;MQB=0.818402;MQSB=1.52197e-06;BQB=0.995919;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32  
}=0.972962;MQB=0.105398;MQSB=0.0125471;BQB=0.670438;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,2'  
=0.371678;MQB=1.89275e-08;MQSB=0.801604;BQB=0.342265;MQ0F=0.00729927;ICB=1;HOB=0.5;AC=1;AN=  
'PB=0.541509;MQB=1.45423e-06;MQSB=0.169845;BQB=0.714347;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=  
}=0.979954;MQB=3.30065e-08;MQSB=0.145587;BQB=0.987242;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36  
=0.882057;MQB=1.845e-07;MQSB=0.00193043;BQB=0.829323;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,1  
=0.985887;MQB=1.23314e-05;MQSB=0.000337684;BQB=0.944731;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=  
'B=0.000164596;MQB=1.75914e-05;MQSB=0.796452;BQB=0.945674;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP

}=0.65544;MQB=0.0078722;MQSB=0.0437227;BQB=0.000315688;MQ0F=0.00719424;ICB=1;HOB=0.5;AC=1;A  
}=0.788719;MQB=0.0087724;MQSB=0.0511751;BQB=4.45635e-05;MQ0F=0.00699301;ICB=1;HOB=0.5;AC=1;A  
}=0.993241;MQB=0.0139481;MQSB=0.0398417;BQB=0.00143717;MQ0F=0.0136986;ICB=1;HOB=0.5;AC=1;AN  
}=0.929281;MQB=0.0240862;MQSB=0.951327;BQB=0.123468;MQ0F=0.0153846;ICB=1;HOB=0.5;AC=1;AN=2;I  
}=0.966363;MQB=0.0211591;MQSB=0.969742;BQB=0.0976212;MQ0F=0.0144928;ICB=1;HOB=0.5;AC=1;AN=2  
}=0.839295;MQB=0.0103266;MQSB=0.939172;BQB=0.00490685;MQ0F=0.0208333;ICB=1;HOB=0.5;AC=1;AN=  
}=0.366634;MQB=0.475727;MQSB=0.617437;BQB=0.929288;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=40,14,  
'B=0.800969;MQB=0.250846;MQSB=0.975485;BQB=0.983871;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,1'  
}=0.96027;MQB=4.54003e-07;MQSB=0.996255;BQB=0.451767;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,2'  
'PB=0.473353;MQB=1.38467e-06;MQSB=0.213817;BQB=0.262463;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=  
'PB=0.00400496;MQB=7.82629e-05;MQSB=0.00306062;BQB=0.758753;MQ0F=0.00970874;ICB=1;HOB=0.5;AN  
}=0.465871;MQB=0.995129;MQSB=0.412569;BQB=0.901483;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=53,21,  
}=0.964134;MQB=0.988895;MQSB=0.994734;BQB=0.784693;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,11,  
}=0.990368;MQB=0.993139;MQSB=0.996931;BQB=0.999545;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=56,14,  
'PB=0.94591;MQB=0.975142;MQSB=0.995472;BQB=0.168503;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=46,2'  
=0.999241;MQB=0.626853;MQSB=0.973364;BQB=0.361598;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,15,6  
=0.828337;MQB=0.375861;MQSB=0.994811;BQB=0.998982;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=14,17,5  
=0.828337;MQB=0.375861;MQSB=0.994811;BQB=0.876051;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=14,17,5

'B=0.993245;MQB=0.830727;MQSB=0.9234;BQB=0.669604;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=11,9,22  
{=0.659909;MQB=0.554576;MQSB=0.852399;BQB=0.977081;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=50,29,  
'B=0.785412;MQB=0.235759;MQSB=0.53121;BQB=0.781879;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=55,24,  
'B=0.90702;MQB=0.125556;MQSB=0.457529;BQB=0.881103;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=59,24,  
=0.448304;MQB=0.228632;MQSB=0.634064;BQB=0.968621;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=59,24,4  
=0.796529;MQB=1;MQSB=1;BQB=0.2594;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,18,12,17;MQ=42  
{=0.928401;MQB=1.81614e-05;MQSB=0.856966;BQB=0.387861;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=60  
{=0.997481;MQB=6.40726e-07;MQSB=0.987879;BQB=0.389622;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=61  
{=0.686995;MQB=1.39529e-06;MQSB=0.830873;BQB=0.922961;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=65  
{=0.743997;MQB=8.3425e-07;MQSB=0.822222;BQB=0.99998;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=66,13  
{=0.751186;MQB=8.3425e-07;MQSB=0.822222;BQB=0.686229;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=66,1  
{=0.902346;MQB=0.0967222;MQSB=0.994007;BQB=0.885215;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=57,3  
{=0.521512;MQB=0.0508517;MQSB=0.979977;BQB=0.641014;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=66,2  
'B=0.703422;MQB=0.0123199;MQSB=0.470531;BQB=0.166916;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=58,  
{=0.908403;MQB=7.5875e-21;MQSB=0.0215138;BQB=0.468702;MQ0F=0.0112782;ICB=1;HOB=0.5;AC=1;AN=  
{=0.610971;MQB=1.03177e-26;MQSB=0.122279;BQB=0.785897;MQ0F=0.0125;ICB=1;HOB=0.5;AC=1;AN=2;DF  
{=0.420768;MQB=9.72277e-26;MQSB=0.104326;BQB=0.998728;MQ0F=0.0123967;ICB=1;HOB=0.5;AC=1;AN=  
{=0.673239;MQB=1.88542e-25;MQSB=0.278678;BQB=0.893367;MQ0F=0.0121951;ICB=1;HOB=0.5;AC=1;AN=  
{=0.758664;MQB=8.53947e-26;MQSB=0.20227;BQB=0.660854;MQ0F=0.0121457;ICB=1;HOB=0.5;AC=1;AN=2;  
{=0.205036;MQB=6.20964e-24;MQSB=0.242792;BQB=0.316711;MQ0F=0.0121457;ICB=1;HOB=0.5;AC=1;AN=  
{=0.333323;MQB=5.23822e-24;MQSB=0.225749;BQB=0.698432;MQ0F=0.0120968;ICB=1;HOB=0.5;AC=1;AN=  
{=0.940287;MQB=1.24811e-22;MQSB=0.564165;BQB=0.492149;MQ0F=0.0131579;ICB=1;HOB=0.5;AC=1;AN=  
{=0.910057;MQB=7.98574e-19;MQSB=0.679138;BQB=0.957874;MQ0F=0.0125;ICB=1;HOB=0.5;AC=1;AN=2;DF  
{=0.352667;MQB=0.880787;MQSB=0.905094;BQB=0.986299;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=62,29  
{=0.578146;MQB=0.990528;MQSB=0.991135;BQB=0.729004;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,49  
{=0.503102;MQB=0.920579;MQSB=0.952303;BQB=0.228113;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=52,35  
'PB=0.999792;MQB=0.948253;MQSB=0.989277;BQB=0.975935;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,  
RPB=0.609166;MQB=0.896592;MQSB=0.991043;BQB=0.993201;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27  
'B=0.636104;MQB=0.950149;MQSB=0.952833;BQB=0.68173;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=44,34  
)37;MQB=0.664304;MQSB=0.577028;BQB=0.0504995;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=53,24,53,44;  
{=0.84604;MQB=0.722049;MQSB=0.593321;BQB=0.0406575;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=47,29  
{=0.887004;MQB=0.862868;MQSB=0.425924;BQB=0.985419;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,40  
{=0.123085;MQB=0.478891;MQSB=0.0302946;BQB=0.821829;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=82,1  
;RPB=0.98945;MQB=0.749872;MQSB=0.860918;BQB=0.517078;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=58,  
'B=0.998978;MQB=0.956582;MQSB=0.982685;BQB=0.205688;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=65,2  
{=0.527807;MQB=0.834497;MQSB=0.456647;BQB=0.526142;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=66,24  
{=0.674887;MQB=0.00329934;MQSB=0.661091;BQB=0.572227;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=46,  
{=0.996331;MQB=0.00291775;MQSB=0.954938;BQB=0.985677;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=44,  
=0.985449;MQB=0.00310909;MQSB=0.954276;BQB=0.905927;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=43,4  
=0.889507;MQB=1;MQSB=1;BQB=0.754645;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,10,20,13;MQ=42  
{=0.978803;MQB=0.281711;MQSB=0.00158666;BQB=0.615601;MQ0F=0.0617284;ICB=1;HOB=0.5;AC=1;AN=2  
{=0.184808;MQB=0.875324;MQSB=0.945881;BQB=0.862754;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,25  
{=0.270328;MQB=0.887573;MQSB=0.94634;BQB=0.994222;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,26,3  
{=0.458239;MQB=0.845891;MQSB=0.922672;BQB=0.976583;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,49  
{=0.968475;MQB=0.962085;MQSB=0.911132;BQB=0.612941;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=50,24  
{=0.570046;MQB=0.955481;MQSB=0.112836;BQB=0.405474;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,36  
;RPB=0.620374;MQB=0.541526;MQSB=0.0417031;BQB=0.691503;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=7

'B=0.457616;MQB=0.00159036;MQSB=0.232135;BQB=0.967867;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=4C  
'B=0.817334;MQB=0.000766734;MQSB=0.0459831;BQB=0.942439;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=  
'B=0.945648;MQB=0.000734856;MQSB=0.0324858;BQB=0.973116;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=  
}=0.948452;MQB=0.00496605;MQSB=0.0468211;BQB=0.657797;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31  
=0.983615;MQB=0.515471;MQSB=0.749353;BQB=0.392502;MQ0F=0.0235294;ICB=1;HOB=0.5;AC=1;AN=2;DP  
) .473684;MQB=0.736842;MQSB=0.95891;BQB=0.105263;MQ0F=0;AC=2;AN=2;DP4=2,0,11,8;MQ=34  
526316;MQB=0.736842;MQSB=0.883612;BQB=0.0526316;MQ0F=0;AC=2;AN=2;DP4=2,0,10,9;MQ=34

=0.938685;MQB=1;MQSB=1;BQB=0.90796;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=10,3,12,5;MQ=42  
=0.968368;MQB=0.977926;MQSB=0.977926;BQB=0.400803;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=4,3,8,4  
=0.873995;MQB=0.52108;MQSB=0.931304;BQB=1;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=6,5,11,4;MQ=41  
=0.954207;MQB=0.618783;MQSB=0.982013;BQB=0.20662;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=4,4,13,3  
=0.98895;MQB=0.0273237;MQSB=0.996231;BQB=0.0877049;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=7,2,6,  
=0.921549;MQB=0.00693907;MQSB=0.526232;BQB=0.90038;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=7,2,9,  
=0.90656;MQB=0.96027;MQSB=0.98232;BQB=0.494688;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=13,5,12,6;M  
'B=0.56621;MQB=0.948436;MQSB=0.934379;BQB=0.989597;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=5,13,8  
=0.571593;MQB=0.886654;MQSB=0.935381;BQB=0.754219;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=9,7,17,  
=0.867218;MQB=0.998823;MQSB=0.871312;BQB=0.94394;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=11,2,10,  
=0.998666;MQB=0.82515;MQSB=0.866878;BQB=0.807237;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,1,14,  
=0.973955;MQB=0.437103;MQSB=0.995765;BQB=0.949591;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=8,6,7,7  
=0.90937;MQB=0.606531;MQSB=0.918828;BQB=0.606531;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=8,5,6,7;M  
=0.919289;MQB=0.606531;MQSB=0.918828;BQB=0.973724;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=8,5,6,7,

}=0.502599;MQB=8.17627e-08;MQSB=0.0844661;BQB=0.284181;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=4  
}=0.981457;MQB=1.24856e-07;MQSB=0.549141;BQB=0.999985;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35  
'B=0.293091;MQB=2.9565e-07;MQSB=0.453546;BQB=0.742929;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31  
'B=0.153746;MQB=7.62276e-07;MQSB=0.453546;BQB=0.990908;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=3

=0.851667;MQB=0.227425;MQSB=0.20474;BQB=0.97963;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,14,15,  
}=0.135309;MQB=0.493673;MQSB=0.550968;BQB=0.791851;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=42,18,  
=0.206174;MQB=0.962269;MQSB=0.98773;BQB=0.555868;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,24,18  
}=0.683918;MQB=0.671208;MQSB=0.923591;BQB=0.98252;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=39,38,1  
) .868894;MQB=0.811604;MQSB=0.925851;BQB=0.2466;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=13,26,12,7,  
=0.8243;MQB=0.354794;MQSB=0.144843;BQB=0.999465;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,12,11,  
=0.822835;MQB=0.409066;MQSB=0.151072;BQB=0.994598;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,14,1  
=0.995076;MQB=0.00182017;MQSB=0.420064;BQB=0.996228;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,9,  
=0.997299;MQB=0.108305;MQSB=0.864318;BQB=0.164454;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,13,8  
=0.983814;MQB=0.00177995;MQSB=0.630894;BQB=0.996171;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=40,11  
PB=0.995775;MQB=6.6898e-05;MQSB=0.865435;BQB=0.979067;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34  
=0.721859;MQB=0.61207;MQSB=0.991431;BQB=0.977982;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,16,11  
=0.216913;MQB=0.00104995;MQSB=0.859042;BQB=0.180008;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,11  
=0.947521;MQB=0.00146976;MQSB=0.84246;BQB=0.219432;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=14,9,1  
}=0.255284;MQB=0.00342835;MQSB=0.613783;BQB=0.369112;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=12,  
=0.477559;MQB=0.00247384;MQSB=0.941758;BQB=0.955315;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,11  
) .994304;MQB=0.947541;MQSB=0.9818;BQB=0.999272;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,17,9,10,  
=0.998508;MQB=0.223834;MQSB=0.906279;BQB=0.230962;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,14,8  
=0.995149;MQB=0.195038;MQSB=0.789179;BQB=0.923128;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,18,1  
=0.991799;MQB=0.000667092;MQSB=0.303663;BQB=0.494323;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,  
=0.85955;MQB=0.000342201;MQSB=0.416464;BQB=0.999824;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,2,  
=0.538363;MQB=0.000342201;MQSB=0.467113;BQB=0.362054;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,  
=0.999918;MQB=0.291594;MQSB=0.514546;BQB=0.495254;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,30,1  
) .641821;MQB=8.3211e-08;MQSB=0.948137;BQB=0.629825;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=9,7,22  
PB=0.385625;MQB=0.00516159;MQSB=0.804361;BQB=0.790355;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=4  
=0.824808;MQB=0.22313;MQSB=0.520912;BQB=0.360257;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=13,11,10  
PB=0.0761998;MQB=0.53468;MQSB=0.836155;BQB=0.600336;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,  
}=0.132753;MQB=0.644842;MQSB=0.765928;BQB=0.884082;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,21,  
}=0.198712;MQB=1;MQSB=1;BQB=0.22422;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,41,15,11;MQ=42  
}=1;MQB=0.961412;MQSB=0.974717;BQB=0.354669;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,45,13,14;M  
}=0.7441;MQB=0.325547;MQSB=0.998628;BQB=0.989255;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,23,13  
=0.629452;MQB=0.128614;MQSB=0.942503;BQB=0.745134;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,12,1  
=0.811119;MQB=0.126467;MQSB=0.994178;BQB=0.944883;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,12,1  
}=0.347882;MQB=0.952672;MQSB=0.965613;BQB=0.322175;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,20,  
) .912013;MQB=0.799205;MQSB=0.875978;BQB=0.999079;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,23,9,  
=0.861876;MQB=0.0662932;MQSB=0.811701;BQB=0.979136;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,17,  
=0.986331;MQB=1;MQSB=1;BQB=0.559056;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,14,8,10;MQ=42  
=0.996516;MQB=0.977187;MQSB=0.981133;BQB=0.937909;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,7,9,  
}=0.849285;MQB=0.000948387;MQSB=0.526668;BQB=0.685121;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48  
) .48525;MQB=0.949056;MQSB=0.986255;BQB=0.871036;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,11,13,  
=0.0930928;MQB=0.78865;MQSB=0.916427;BQB=0.580484;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,18,1  
}=0.994419;MQB=0.961744;MQSB=0.99243;BQB=0.976077;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=44,22,1  
) .988461;MQB=0.0365036;MQSB=0.997766;BQB=0.821889;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,14,1  
) .999824;MQB=0.0708915;MQSB=0.989893;BQB=0.966023;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,17,7  
=0.742929;MQB=0.475959;MQSB=0.561624;BQB=0.886377;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,33,1  
=0.746972;MQB=0.0114827;MQSB=0.678982;BQB=0.965321;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,8,1  
=0.888558;MQB=0.561628;MQSB=0.7521;BQB=0.965091;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,12,13,

.977841;MQB=0.748854;MQSB=0.844831;BQB=0.949642;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,11,13  
=0.598223;MQB=0.0079711;MQSB=0.965734;BQB=0.20117;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,23,1  
=0.513314;MQB=0.0109761;MQSB=0.979856;BQB=0.646152;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,21,  
=0.229318;MQB=0.00196828;MQSB=0.873383;BQB=0.328099;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,2,  
=0.998518;MQB=0.00174162;MQSB=0.996757;BQB=0.555572;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,2,  
}=0.746484;MQB=6.60482e-06;MQSB=0.640183;BQB=0.895984;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=39  
}=0.987829;MQB=4.18647e-06;MQSB=0.8775;BQB=0.558203;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,17  
=0.110352;MQB=1;MQSB=1;BQB=0.915611;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,5,6,8;MQ=42  
=0.847574;MQB=0.603922;MQSB=0.863894;BQB=0.20943;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,15,11  
}=0.872223;MQB=0.0273237;MQSB=0.102507;BQB=0.508648;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,1,  
}PB=0.959251;MQB=0.0697695;MQSB=0.0837687;BQB=0.295045;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=2  
.830347;MQB=1;MQSB=1;BQB=0.853852;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,12,9,8;MQ=42  
.943984;MQB=5.8351e-06;MQSB=0.175206;BQB=0.35373;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,26,1  
}B=0.961627;MQB=9.77488e-08;MQSB=0.752089;BQB=0.179939;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=1  
}=0.403955;MQB=4.28719e-07;MQSB=0.694597;BQB=0.622918;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=13  
}B=0.153883;MQB=0.979102;MQSB=0.960986;BQB=0.94715;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=47,30,  
=0.935784;MQB=9.64414e-05;MQSB=0.260893;BQB=0.673011;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,2,  
=0.777759;MQB=0.00825083;MQSB=0.702716;BQB=0.969763;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,2,  
}=0.974402;MQB=1;MQSB=1;BQB=0.327032;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,28,10,14;MQ=42  
=0.790051;MQB=4.24778e-07;MQSB=0.181886;BQB=0.866168;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,1  
=0.523542;MQB=0.0244164;MQSB=0.938482;BQB=0.667505;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=13,20,  
.957378;MQB=0.0502707;MQSB=0.996599;BQB=0.996451;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=8,21,15  
=0.995935;MQB=0.375861;MQSB=0.941424;BQB=0.724248;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=9,22,9,  
.580259;MQB=0.0621177;MQSB=0.751855;BQB=0.101393;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,21,1  
=0.984155;MQB=3.20323e-08;MQSB=0.846742;BQB=0.897003;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,1  
=0.9569;MQB=0.00175716;MQSB=0.759493;BQB=0.881704;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,24,1  
=0.878306;MQB=0.00617343;MQSB=0.773051;BQB=0.977859;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,1,  
.818732;MQB=0.00793394;MQSB=0.813656;BQB=0.992939;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,16,  
}=0.952009;MQB=0.0073135;MQSB=0.686927;BQB=0.684738;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,1,  
=0.140993;MQB=0.539212;MQSB=0.936022;BQB=0.507697;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=14,21,7  
=0.9941;MQB=0.778801;MQSB=0.83417;BQB=0.472891;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=6,7,8,4;MC  
.845321;MQB=0.440456;MQSB=0.745678;BQB=0.999663;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,16,12  
=0.567605;MQB=0.41781;MQSB=0.773612;BQB=0.99731;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,14,12,  
=0.22979;MQB=0.16275;MQSB=0.985777;BQB=0.583179;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,18,10,  
=0.093992;MQB=0.94;MQSB=0.966656;BQB=0.987297;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,16,9,7;M  
}=0.0574822;MQB=0.552326;MQSB=0.816991;BQB=0.658645;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=13,1,  
=0.563412;MQB=0.300616;MQSB=0.956946;BQB=0.896293;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,30,1  
=0.798516;MQB=0.221756;MQSB=0.992792;BQB=0.999773;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,10,1  
=0.901131;MQB=1;MQSB=1;BQB=0.855481;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,16,9,8;MQ=42  
}=0.331183;MQB=0.0668399;MQSB=0.479858;BQB=0.999296;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,2,  
}=0.173685;MQB=0.0336852;MQSB=0.371966;BQB=0.888149;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,2,  
}=0.0121427;MQB=0.0271125;MQSB=0.331011;BQB=0.721062;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,  
}=0.415048;MQB=0.0336852;MQSB=0.23541;BQB=0.966661;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,33,  
}=0.800366;MQB=0.381255;MQSB=0.992572;BQB=0.00962298;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=38,  
}PB=0.916373;MQB=0.866175;MQSB=0.959189;BQB=0.689022;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,  
=0.779436;MQB=0.805735;MQSB=0.927011;BQB=0.462705;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,27,1  
}=0.900516;MQB=0.000756917;MQSB=0.943848;BQB=0.110386;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=47



.206044;MQB=0.530667;MQSB=0.581427;BQB=0.683851;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,16,9;  
=0.928151;MQB=0.0269387;MQSB=0.272737;BQB=0.810381;MQ0F=0.0128205;ICB=1;HOB=0.5;AC=1;AN=2;D  
=0.99187;MQB=0.000375545;MQSB=0.948823;BQB=0.953443;MQ0F=0.015625;ICB=1;HOB=0.5;AC=1;AN=2;D  
.986523;MQB=0.419614;MQSB=0.661993;BQB=0.934903;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,20,9;  
=0.689433;MQB=0.00390369;MQSB=0.69536;BQB=0.907584;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,15,  
=0.655816;MQB=0.00556403;MQSB=0.0712897;BQB=0.925439;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,  
=0.957974;MQB=0.450008;MQSB=0.166927;BQB=0.476314;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,11,1  
=0.874363;MQB=0.402524;MQSB=0.19352;BQB=0.579068;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,12,18  
}=0.954579;MQB=0.830323;MQSB=0.777166;BQB=0.754205;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,9,1  
=0.681174;MQB=1;MQSB=1;BQB=0.886071;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,25,9,14;MQ=42  
B=0.998361;MQB=1.71858e-05;MQSB=0.250305;BQB=0.641696;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=2  
=0.44182;MQB=6.95039e-06;MQSB=0.286013;BQB=0.902104;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,23  
=0.912695;MQB=0.484901;MQSB=0.745189;BQB=0.731043;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,16,1  
=0.867175;MQB=0.952829;MQSB=0.981184;BQB=0.585933;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,23,8  
=0.900409;MQB=0.000249439;MQSB=0.739296;BQB=0.587965;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,  
=0.978785;MQB=4.66715e-06;MQSB=0.933904;BQB=0.993404;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,1  
=0.975566;MQB=4.66715e-06;MQSB=0.933904;BQB=0.796297;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,1  
=0.312866;MQB=6.85403e-06;MQSB=0.999709;BQB=0.832;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,14,1  
.996618;MQB=0.989084;MQSB=0.964198;BQB=0.598996;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,14,8;  
=0.317058;MQB=0.00820267;MQSB=0.0742687;BQB=0.999311;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,  
=0.993573;MQB=0.000511099;MQSB=0.935507;BQB=0.588276;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,  
=0.424711;MQB=0.00134025;MQSB=0.992049;BQB=0.988298;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=14,1  
.864494;MQB=0.00823995;MQSB=0.9998;BQB=0.845369;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,12,12  
}=0.495166;MQB=0.00376415;MQSB=0.811301;BQB=0.552914;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,  
=0.880916;MQB=0.445919;MQSB=0.880916;BQB=0.587659;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=38,15,1  
=0.943959;MQB=0.45442;MQSB=0.847539;BQB=0.529417;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,16,14  
=0.946965;MQB=0.00605944;MQSB=0.382089;BQB=0.580337;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,1  
=0.77126;MQB=2.07327e-05;MQSB=0.290347;BQB=0.993921;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,11  
=0.701659;MQB=0.778801;MQSB=0.854356;BQB=0.539374;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=11,10,7  
=0.772255;MQB=0.0623177;MQSB=0.97236;BQB=0.65605;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,11,15  
=0.833101;MQB=0.179192;MQSB=0.828184;BQB=0.762299;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,11,1  
.576943;MQB=0.00496025;MQSB=0.846695;BQB=0.996188;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,22,  
.500937;MQB=0.00475743;MQSB=0.867226;BQB=0.957166;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,22,  
=0.942253;MQB=1;MQSB=1;BQB=0.998549;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,6,10,7;MQ=42  
.288763;MQB=1;MQSB=1;BQB=0.56529;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,16,7,17;MQ=42  
}=0.999908;MQB=0.988918;MQSB=0.997401;BQB=0.784516;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,25,  
}=0.606531;MQB=1;MQSB=1;BQB=0.980199;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=1,3,5,10;MQ=42  
}=0.635837;MQB=0.148478;MQSB=0.851031;BQB=0.569422;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,21,  
}=0.504113;MQB=0.0320575;MQSB=0.821782;BQB=0.997595;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,3  
=0.898289;MQB=1;MQSB=1;BQB=0.125905;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,18,15,11;MQ=42  
.262776;MQB=0.619562;MQSB=0.906252;BQB=0.630611;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=39,8,17,  
B=0.422368;MQB=0.598753;MQSB=0.909111;BQB=0.95597;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=40,7,1  
=0.0160663;MQB=0.765718;MQSB=0.937498;BQB=0.923652;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=39,10,  
.144975;MQB=1.23257e-05;MQSB=0.53473;BQB=0.817948;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=14,21,  
=0.995049;MQB=1;MQSB=1;BQB=0.295763;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,15,10,7;MQ=42  
=0.996086;MQB=1;MQSB=1;BQB=0.389786;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,15,10,7;MQ=42  
}=0.972598;MQB=0.875188;MQSB=0.99902;BQB=0.53929;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=11,20,6;

.721667;MQB=1;MQSB=1;BQB=0.46334;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,13,13,6;MQ=42  
=0.723173;MQB=0.99255;MQSB=0.979292;BQB=0.989873;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,24,10,  
=0.939754;MQB=0.986968;MQSB=0.98806;BQB=0.994523;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,9,10,  
'B=0.833927;MQB=0.0019577;MQSB=0.135172;BQB=0.82536;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=38,1,  
=0.363893;MQB=0.75238;MQSB=0.737919;BQB=0.973074;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,24,15  
=0.779307;MQB=0.000206575;MQSB=0.834688;BQB=0.929452;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,  
}=0.980009;MQB=6.33258e-10;MQSB=0.655795;BQB=0.959447;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35  
=0.729118;MQB=0.035547;MQSB=0.0813422;BQB=0.999306;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,11,  
}=0.936984;MQB=0.0281157;MQSB=0.090718;BQB=0.999197;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=14,1,  
=0.393648;MQB=0.122742;MQSB=0.583098;BQB=0.709166;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,10,9  
=0.295921;MQB=0.0294869;MQSB=0.464443;BQB=0.434319;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,10,  
=0.0979615;MQB=0.0240123;MQSB=0.352438;BQB=0.550642;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,1,  
=0.270841;MQB=0.195038;MQSB=0.942633;BQB=0.34852;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,19,14  
}=0.996759;MQB=0.226871;MQSB=0.993767;BQB=0.341656;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,27,  
}=0.973701;MQB=0.0104207;MQSB=0.278836;BQB=0.973701;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,3,  
=0.969047;MQB=0.985043;MQSB=0.974451;BQB=0.999059;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=44,16,1  
=0.940594;MQB=0.980809;MQSB=0.999807;BQB=0.720715;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,28,8  
=0.535112;MQB=0.630211;MQSB=0.905305;BQB=0.677602;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,22,1  
=0.739867;MQB=0.737848;MQSB=0.999947;BQB=0.567599;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=51,23,2  
=0.905295;MQB=0.737848;MQSB=0.999509;BQB=0.605894;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=53,21,2  
) .733705;MQB=0.0145957;MQSB=0.719502;BQB=0.99832;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,11,13  
661906;MQB=0.0140778;MQSB=0.733899;BQB=0.553963;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,11,13  
=0.141799;MQB=0.000794756;MQSB=0.707959;BQB=0.811581;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,  
) .975536;MQB=0.451436;MQSB=0.940605;BQB=0.683899;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,18,14  
=0.993031;MQB=0.429062;MQSB=0.927469;BQB=0.982622;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,14,9  
=0.898932;MQB=0.425136;MQSB=0.921699;BQB=0.693291;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,15,9  
=0.579466;MQB=0.429062;MQSB=0.927469;BQB=0.549724;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,14,9  
=0.491122;MQB=0.425136;MQSB=0.934363;BQB=0.99442;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,14,9,  
=0.943603;MQB=0.257663;MQSB=0.490027;BQB=0.890028;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,19,1  
=0.963895;MQB=0.655816;MQSB=0.905832;BQB=1;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,11,15,5;MQ  
=0.931499;MQB=1;MQSB=1;BQB=0.878376;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,19,15,5;MQ=42  
=0.771285;MQB=1;MQSB=1;BQB=0.572385;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,11,7,8;MQ=42  
}=0.979519;MQB=1;MQSB=1;BQB=0.501677;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,24,15,13;MQ=42  
}=0.896026;MQB=0.639946;MQSB=0.997471;BQB=0.607366;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,14,  
=0.991754;MQB=0.65359;MQSB=0.996642;BQB=0.951728;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,17,12  
=0.771215;MQB=0.623442;MQSB=0.963834;BQB=0.944714;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,23,1  
}=0.957182;MQB=0.140865;MQSB=0.666639;BQB=0.833732;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,7,1  
}=0.932394;MQB=0.516667;MQSB=0.995546;BQB=0.748197;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,5,1  
}=0.42139;MQB=0.143067;MQSB=0.809658;BQB=0.997842;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,13,9  
=0.59959;MQB=0.817452;MQSB=0.94394;BQB=0.66212;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,17,13,7,  
=0.991446;MQB=0.257248;MQSB=0.818892;BQB=0.877229;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,17,1  
}=0.341645;MQB=0.0217646;MQSB=0.517047;BQB=0.98983;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,20,  
}=0.487227;MQB=3.72322e-06;MQSB=0.742435;BQB=0.807923;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25  
'B=0.770105;MQB=4.95485e-06;MQSB=0.497439;BQB=0.852934;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=3  
'B=0.669822;MQB=4.66541e-06;MQSB=0.478614;BQB=0.950794;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=3  
=0.970779;MQB=0.802047;MQSB=0.958048;BQB=0.998469;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,7,12  
) .755091;MQB=0.983123;MQSB=0.947012;BQB=0.687975;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,11,10

PB=0.692817;MQB=0.11802;MQSB=0.706285;BQB=0.979233;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,12  
PB=0.879309;MQB=0.122742;MQSB=0.759996;BQB=0.865985;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,1  
'B=0.576716;MQB=2.08499e-06;MQSB=0.552442;BQB=0.982217;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=3  
}=0.898672;MQB=1.48816e-05;MQSB=0.711051;BQB=0.896529;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32  
=0.992948;MQB=6.96429e-05;MQSB=0.233265;BQB=0.999454;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,1  
=0.920507;MQB=0.000153436;MQSB=0.209977;BQB=0.793321;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,  
=0.0320673;MQB=0.0171928;MQSB=0.96528;BQB=0.558088;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,14,  
) .999734;MQB=0.224022;MQSB=0.996833;BQB=0.999934;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,7,6,1  
=0.9704;MQB=2.73412e-05;MQSB=0.997914;BQB=0.547875;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,24,  
=0.995116;MQB=2.08961e-06;MQSB=0.999387;BQB=0.942633;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,2  
=0.945077;MQB=3.11392e-07;MQSB=0.986383;BQB=0.971591;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,1  
683276;MQB=2.03927e-07;MQSB=0.958684;BQB=0.802533;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,21,  
=0.31403;MQB=0.427943;MQSB=0.971033;BQB=0.291855;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,17,22  
=0.197694;MQB=0.67804;MQSB=0.905558;BQB=0.180443;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,20,19  
=0.967416;MQB=1;MQSB=1;BQB=0.834972;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,15,16,9;MQ=42  
=0.365374;MQB=1;MQSB=1;BQB=0.586458;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=38,12,17,6;MQ=42  
) .945745;MQB=0.158673;MQSB=0.882165;BQB=0.553698;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,15,12  
=0.944511;MQB=0.0028896;MQSB=1;BQB=0.986933;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,23,14,7;M(  
) .500388;MQB=0.814659;MQSB=0.994947;BQB=0.495301;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,14,11  
'B=0.985552;MQB=1;MQSB=1;BQB=0.986559;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,20,13,8;MQ=42  
}=0.0333494;MQB=0.979888;MQSB=0.997477;BQB=0.350077;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,1  
=0.997552;MQB=9.32204e-07;MQSB=0.908817;BQB=0.999008;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,1  
=0.0905181;MQB=8.96271e-05;MQSB=0.972875;BQB=0.72786;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,1  
) .478832;MQB=2.53274e-05;MQSB=0.793218;BQB=0.822624;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,11  
=0.361367;MQB=0.817173;MQSB=0.967516;BQB=0.605834;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=42,11,1  
) .117058;MQB=0.799943;MQSB=0.860708;BQB=0.985024;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=11,14,9,  
=0.761439;MQB=0.105399;MQSB=0.96788;BQB=0.576071;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,13,8,  
=0.513361;MQB=0.461486;MQSB=0.773128;BQB=0.889895;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=42,14,1  
=0.187514;MQB=0.0307511;MQSB=0.201292;BQB=0.948223;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,23,  
=0.835803;MQB=0.00721958;MQSB=0.174302;BQB=0.824876;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,2,  
}=0.992772;MQB=0.104315;MQSB=0.622922;BQB=0.447953;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,32,  
}=0.788055;MQB=0.364359;MQSB=0.846478;BQB=0.0291319;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=14,2  
'B=0.818713;MQB=2.22066e-05;MQSB=0.393485;BQB=0.999185;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=2  
'B=0.38034;MQB=2.05173e-05;MQSB=0.268451;BQB=0.241217;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18  
) .800608;MQB=2.7466e-06;MQSB=0.616064;BQB=0.964707;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,26,  
=0.624655;MQB=2.22032e-06;MQSB=0.711637;BQB=0.8265;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,26,  
=0.642181;MQB=0.986375;MQSB=0.993228;BQB=0.963932;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,14,1  
=0.507022;MQB=0.23932;MQSB=0.975398;BQB=0.182187;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,20,16  
}=0.988534;MQB=0.0356913;MQSB=0.982588;BQB=0.86946;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,24,  
=0.868268;MQB=0.0370561;MQSB=0.95845;BQB=0.967979;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,22,1  
=0.10619;MQB=0.441233;MQSB=0.73221;BQB=0.923863;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,21,11,  
}=0.964118;MQB=0.0582521;MQSB=0.475121;BQB=0.995302;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,1,  
}=0.980225;MQB=0.0736305;MQSB=0.472367;BQB=0.935886;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,1,  
) .451284;MQB=0.000118784;MQSB=0.739535;BQB=0.756231;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,1  
=0.485719;MQB=0.000258066;MQSB=0.903778;BQB=0.967241;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,  
=0.523507;MQB=0.00011226;MQSB=0.37006;BQB=0.998764;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,14,  
=0.999513;MQB=0.859971;MQSB=0.998154;BQB=0.992238;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,18,1

}=0.94024;MQB=0.0120183;MQSB=0.452629;BQB=0.915619;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,21,  
}=0.304295;MQB=0.565638;MQSB=0.862492;BQB=0.501848;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,19,  
}=0.839712;MQB=0.476707;MQSB=0.757843;BQB=0.935326;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,17,  
}=0.396725;MQB=0.596048;MQSB=0.824849;BQB=0.433287;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=42,14,1  
}=0.635242;MQB=0.767513;MQSB=0.968448;BQB=0.0607088;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,21  
}=0.860361;MQB=1;MQSB=1;BQB=0.987074;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,19,10,8;MQ=42  
}=0.281423;MQB=1;MQSB=1;BQB=0.695265;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=50,13,16,10;MQ=42  
}=0.812152;MQB=0.883635;MQSB=0.958561;BQB=0.97979;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=40,24,17  
}=0.867681;MQB=0.908315;MQSB=0.999048;BQB=0.998891;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,50,1  
}=0.270468;MQB=0.0452337;MQSB=0.867131;BQB=0.462672;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,21  
}=0.452618;MQB=0.0481004;MQSB=0.880423;BQB=0.283586;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,18,  
}=0.986655;MQB=0.133178;MQSB=0.989708;BQB=0.661116;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,18,  
}=0.963023;MQB=2.63467e-08;MQSB=0.883853;BQB=0.736701;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=2  
}=0.99819;MQB=4.55252e-08;MQSB=0.871917;BQB=0.545155;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17  
}=0.0808933;MQB=0.0692983;MQSB=0.902748;BQB=0.5537;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=41,15,  
}=0.300003;MQB=0.00663599;MQSB=0.694302;BQB=0.999272;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,1  
}=0.99893;MQB=0.000749265;MQSB=0.702789;BQB=0.730136;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,1  
}=0.703937;MQB=3.16731e-06;MQSB=0.682001;BQB=0.743158;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27  
}=0.303317;MQB=4.99588e-06;MQSB=0.880104;BQB=0.467638;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=2  
}=0.504502;MQB=0.0061559;MQSB=0.974954;BQB=0.197113;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,21  
}=0.972675;MQB=1.53829e-05;MQSB=0.94346;BQB=0.996111;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,10  
}=0.588427;MQB=1.53829e-05;MQSB=0.848981;BQB=0.967399;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,1  
}=0.899038;MQB=7.14282e-07;MQSB=0.98813;BQB=0.813981;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,14  
}=0.944645;MQB=1.05544e-06;MQSB=0.997194;BQB=0.970329;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,1  
}=0.74436;MQB=6.61945e-11;MQSB=0.744952;BQB=0.999544;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,2  
}=0.967792;MQB=0.59226;MQSB=0.937677;BQB=0.967792;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,16,9,  
}=0.804033;MQB=8.45992e-05;MQSB=0.918032;BQB=0.99986;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,12,  
}=0.999979;MQB=1.0354e-06;MQSB=0.714449;BQB=0.533323;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,10  
}=0.816837;MQB=5.41512e-06;MQSB=0.830102;BQB=0.158742;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=11,19  
}=0.550069;MQB=0.963025;MQSB=0.991711;BQB=0.763234;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=41,18,  
}=0.938292;MQB=1.70927e-08;MQSB=0.302011;BQB=0.592878;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=12,1  
}=0.730671;MQB=4.58718e-09;MQSB=0.995427;BQB=0.992436;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,13  
}=0.608289;MQB=1.87644e-08;MQSB=0.995427;BQB=0.879259;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,1  
}=0.98816;MQB=1.70927e-08;MQSB=0.852346;BQB=0.997027;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,13  
}=0.944373;MQB=1;MQSB=1;BQB=0.671057;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,5,8,7;MQ=42  
}=0.837912;MQB=0.840481;MQSB=0.9999;BQB=0.992327;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,26,11,  
}=0.959251;MQB=0.130221;MQSB=0.657358;BQB=0.993728;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=10,26,8  
}=0.384912;MQB=1;MQSB=1;BQB=0.200007;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,15,12,7;MQ=42  
}=0.769475;MQB=0.778801;MQSB=0.838223;BQB=0.529302;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=8,13,9,  
}=0.368388;MQB=0.0011057;MQSB=0.553619;BQB=0.996074;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,2  
}=0.812443;MQB=0.00327971;MQSB=0.771685;BQB=0.997486;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,  
}=0.47823;MQB=0.113831;MQSB=0.77182;BQB=0.95827;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,21,15,8  
}=0.641785;MQB=0.813857;MQSB=0.950115;BQB=0.474613;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,30,8  
}=0.993995;MQB=8.80202e-05;MQSB=0.942406;BQB=0.966597;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,1  
}=0.643717;MQB=2.22032e-06;MQSB=0.97905;BQB=0.854565;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,22,  
}=0.909616;MQB=1.05152e-05;MQSB=0.807907;BQB=0.437726;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27  
}=0.547421;MQB=0.948854;MQSB=0.974075;BQB=0.921859;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,20

=0.680471;MQB=0.943058;MQSB=0.960029;BQB=0.995802;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=47,40,1  
=0.990585;MQB=0.0631014;MQSB=0.81436;BQB=0.986875;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,19,1  
PB=0.742719;MQB=0.506349;MQSB=0.960152;BQB=0.960152;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,1,1  
PB=0.405358;MQB=0.357937;MQSB=0.989779;BQB=0.984075;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,1,1  
}=0.304071;MQB=0.434598;MQSB=0.983884;BQB=0.923266;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,14,  
}=0.0690862;MQB=0.696556;MQSB=0.929335;BQB=0.907354;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,1,  
}=0.767271;MQB=1.17724e-05;MQSB=0.986789;BQB=0.394024;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,  
}=0.804262;MQB=1.32957e-05;MQSB=0.992488;BQB=0.871421;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,  
=0.371074;MQB=0.00406252;MQSB=0.975822;BQB=0.334554;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,1,1  
=0.986638;MQB=0.936171;MQSB=0.95936;BQB=0.442443;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=12,19,8,  
=0.198525;MQB=0.0193054;MQSB=0.236874;BQB=0.837436;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,20,  
=0.03029;MQB=0.0631014;MQSB=0.330538;BQB=0.802845;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,16,1  
=0.993704;MQB=0.102284;MQSB=0.628754;BQB=0.889177;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,20,1  
PB=0.980653;MQB=0.960059;MQSB=0.973036;BQB=0.351952;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=38,  
PB=0.444059;MQB=0.956051;MQSB=0.985405;BQB=0.509228;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,3,  
}=0.920327;MQB=0.886187;MQSB=0.99775;BQB=0.912906;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,28,1  
=0.331713;MQB=1;MQSB=1;BQB=0.999913;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,14,17,6;MQ=42  
=0.976087;MQB=0.957088;MQSB=0.972131;BQB=0.709028;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,17,1  
=0.979045;MQB=0.108972;MQSB=0.955494;BQB=0.46199;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,5,13,  
}=0.824206;MQB=0.00103394;MQSB=0.370661;BQB=0.706879;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,  
) .99832;MQB=0.894515;MQSB=1;BQB=0.525206;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,13,12,7;MQ=4  
}=0.98909;MQB=0.000264401;MQSB=0.182653;BQB=0.263829;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,  
PB=0.845003;MQB=0.754235;MQSB=0.916717;BQB=0.704832;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,5,  
=0.790599;MQB=0.0708915;MQSB=0.754183;BQB=0.705216;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,14,  
=0.738543;MQB=0.00783445;MQSB=0.116202;BQB=0.368543;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,2,  
}=0.909837;MQB=0.782226;MQSB=0.861391;BQB=0.993371;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,7,1  
=0.952587;MQB=0.0191432;MQSB=0.0250089;BQB=0.819499;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,1,  
=0.388777;MQB=0.199432;MQSB=0.252322;BQB=0.738479;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,16,7  
=0.727678;MQB=1;MQSB=1;BQB=0.685969;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=10,11,6,7;MQ=42  
=0.930564;MQB=1;MQSB=1;BQB=0.856207;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,11,8,8;MQ=42  
=0.938702;MQB=0.945707;MQSB=0.958048;BQB=0.999071;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,11,8,  
=0.811727;MQB=0.960146;MQSB=0.953736;BQB=0.991034;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,14,1  
) .90702;MQB=0.98993;MQSB=0.98835;BQB=0.170973;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,15,13,6;M  
=0.354363;MQB=0.796301;MQSB=0.998119;BQB=0.941994;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,17,1  
) .415473;MQB=0.00180996;MQSB=0.996949;BQB=0.99832;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,19,1  
=0.777433;MQB=0.0122672;MQSB=0.927159;BQB=0.602321;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,18,  
) .813898;MQB=0.600009;MQSB=0.851683;BQB=0.993714;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,5,9,6,  
=0.89813;MQB=0.122456;MQSB=0.931358;BQB=0.195976;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=12,16,8,  
PB=0.0532067;MQB=0.657047;MQSB=0.940868;BQB=0.291043;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=6,8,  
}=0.382255;MQB=0.688182;MQSB=0.986656;BQB=1;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=9,7,10,7;MQ=  
=0.32697;MQB=0.763837;MQSB=0.997564;BQB=0.740695;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=10,8,15,  
) .879946;MQB=0.700989;MQSB=0.970798;BQB=0.709269;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,2,13,  
) .424885;MQB=0.678711;MQSB=0.96132;BQB=0.823285;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,2,13,6;M  
=0.7585;MQB=0.742239;MQSB=0.876935;BQB=0.842116;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,27,13,  
=0.981735;MQB=0.43318;MQSB=0.817356;BQB=0.48525;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,7,10,8,  
}=0.803681;MQB=0.000227325;MQSB=0.667487;BQB=0.932738;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=68  
=0.986063;MQB=0.0749191;MQSB=0.811513;BQB=0.858737;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,13,

=0.89813;MQB=0.122456;MQSB=0.719395;BQB=0.987504;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,12,10  
=0.999469;MQB=0.0113474;MQSB=0.572405;BQB=0.100154;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,16,  
=0.0644161;MQB=0.949164;MQSB=0.983965;BQB=0.999796;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,27,  
=0.37153;MQB=0.850441;MQSB=0.95966;BQB=0.930531;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,21,18,  
=0.986538;MQB=0.585378;MQSB=0.817356;BQB=0.972719;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,24,1  
}=0.230053;MQB=0.628627;MQSB=0.85721;BQB=0.868988;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,26,2  
=0.782416;MQB=0.852867;MQSB=0.949257;BQB=0.899294;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,24,1  
}=0.408236;MQB=0.65685;MQSB=0.65685;BQB=0.29399;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,15,15,  
=0.921081;MQB=0.000284162;MQSB=0.824737;BQB=0.598223;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,  
=0.843803;MQB=0.469691;MQSB=0.929689;BQB=0.926198;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,23,9  
=0.445233;MQB=0.988981;MQSB=0.997846;BQB=0.915758;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,11,8  
=0.777766;MQB=0.167423;MQSB=0.475858;BQB=0.783947;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,13,1  
=0.962403;MQB=0.159337;MQSB=0.45513;BQB=0.956529;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,13,11  
=0.370761;MQB=0.793923;MQSB=0.878264;BQB=0.855125;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,16,9  
=0.901532;MQB=0.988088;MQSB=0.972604;BQB=0.916001;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,19,9  
}=0.941369;MQB=0.989565;MQSB=0.974185;BQB=0.407584;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,22,  
=0.998743;MQB=0.465093;MQSB=0.689069;BQB=0.846715;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,20,1  
=0.764343;MQB=0.0398664;MQSB=0.928508;BQB=0.635639;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,13,  
=0.701528;MQB=0.0306735;MQSB=0.942725;BQB=0.910757;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,13,  
}=0.733937;MQB=0.320984;MQSB=0.999686;BQB=0.908074;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,19,  
}=0.774289;MQB=0.951229;MQSB=0.965376;BQB=0.996576;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,18,  
,999866;MQB=0.959691;MQSB=0.940963;BQB=0.998792;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,11,16  
=0.980137;MQB=0.959251;MQSB=0.940526;BQB=0.99459;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,11,16  
=0.43417;MQB=0.797812;MQSB=0.993652;BQB=0.875983;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,14,12  
=0.959133;MQB=0.853651;MQSB=0.994352;BQB=0.90737;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,15,15  
}=0.884867;MQB=0.00862502;MQSB=0.978344;BQB=0.210343;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,  
}=0.8579;MQB=0.456951;MQSB=0.999245;BQB=0.296818;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,30,13  
=0.53948;MQB=0.787025;MQSB=0.887359;BQB=0.268812;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,20,8,  
=0.996155;MQB=0.5919;MQSB=0.965352;BQB=0.770687;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,18,8,9,  
=0.565566;MQB=0.119663;MQSB=0.817081;BQB=0.127201;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,20,1  
=0.988327;MQB=0.238252;MQSB=0.540774;BQB=0.265214;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,22,1  
}=0.935024;MQB=1;MQSB=1;BQB=0.996199;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,24,14,8;MQ=42  
=0.514163;MQB=0.641682;MQSB=0.966923;BQB=0.999979;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,24,1  
}=0.958097;MQB=0.00246123;MQSB=0.665689;BQB=0.632857;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,  
}=0.896891;MQB=0.00137733;MQSB=0.665689;BQB=0.653944;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,  
'B=0.80118;MQB=0.000948207;MQSB=0.571682;BQB=0.425907;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19  
=0.793576;MQB=0.827711;MQSB=0.957592;BQB=0.940958;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,16,1  
535592;MQB=0.615013;MQSB=0.979285;BQB=0.870862;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,16,8,11  
=0.979242;MQB=0.0575466;MQSB=0.764948;BQB=0.743148;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,19,  
=0.52695;MQB=0.606531;MQSB=0.792156;BQB=0.916855;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,4,19,  
=0.574978;MQB=1;MQSB=1;BQB=0.320787;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,11,15,6;MQ=42  
}=0.225239;MQB=0.798941;MQSB=0.550861;BQB=0.990599;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=13,20,  
=0.961918;MQB=0.317086;MQSB=0.520566;BQB=0.999423;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,20,1  
=0.429062;MQB=0.0137922;MQSB=0.986947;BQB=0.829714;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,5,1  
,648229;MQB=0.0186552;MQSB=0.99061;BQB=0.263058;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,5,11,  
=0.834769;MQB=0.0125881;MQSB=0.108275;BQB=0.0496096;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,3,  
}=0.899975;MQB=9.34235e-06;MQSB=0.688357;BQB=0.749221;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21

=0.0448995;MQB=0.521671;MQSB=0.922475;BQB=0.51171;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,19,1  
 }=0.314224;MQB=0.446318;MQSB=0.83166;BQB=0.803452;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,5,12  
 ).857848;MQB=0.277714;MQSB=0.693852;BQB=0.910662;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,14,13  
 ).310536;MQB=0.00776367;MQSB=0.291854;BQB=0.639925;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,14,  
 =0.829319;MQB=1.8019e-06;MQSB=0.913931;BQB=0.75676;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,13,  
 ).999868;MQB=0.93828;MQSB=0.968088;BQB=0.583252;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=10,12,6,8,  
 ).869614;MQB=1.01292e-07;MQSB=0.388089;BQB=0.996523;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,11,  
 ).223887;SGB=-0.691153;MQSB=0.658209;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=13,18,9,9;MQ=39  
 )B=0.983656;MQB=1.17003e-13;MQSB=0.0242717;BQB=0.880449;MQ0F=0.0227273;ICB=1;HOB=0.5;AC=1;AN  
 )B=0.348914;MQB=2.61829e-12;MQSB=0.0420269;BQB=0.252207;MQ0F=0.0238095;ICB=1;HOB=0.5;AC=1;AN  
 }=0.0912765;MQB=0.00137978;MQSB=0.0468173;BQB=0.705926;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=3  
 =0.97933;MQB=0.329989;MQSB=0.937235;BQB=0.903851;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,24,15  
 }=0.999105;MQB=0.535736;MQSB=0.969441;BQB=0.188025;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=40,26,  
 =0.89577;MQB=0.835958;MQSB=0.8243;BQB=0.970981;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,10,11,11  
 =0.690731;MQB=0.837495;MQSB=0.813104;BQB=0.798959;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,9,11  
 =0.312896;MQB=0.981439;MQSB=0.853651;BQB=0.99883;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,15,10  
 ).670191;MQB=6.58163e-09;MQSB=0.972646;BQB=0.0153139;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,2  
 );MQB=1.32885e-08;MQSB=0.824616;BQB=0.0357513;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=12,23,9,10;M  
 }=0.434894;MQB=0.948301;MQSB=0.833934;BQB=0.91879;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,29,1  
 }=0.0932424;MQB=1;MQSB=1;BQB=0.966175;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=40,24,16,8;MQ=42  
 =0.65916;MQB=2.68068e-05;MQSB=0.86964;BQB=0.0531095;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,12  
 =0.945561;MQB=9.32204e-07;MQSB=0.549968;BQB=0.153985;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,1  
 ).99995;MQB=1.76846e-07;MQSB=0.719689;BQB=0.97393;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,11,1  
 =0.958991;MQB=9.77488e-08;MQSB=0.664967;BQB=0.697469;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,1  
 =0.106775;MQB=9.88423e-07;MQSB=0.626073;BQB=0.999127;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,1  
 =0.779933;MQB=0.000810672;MQSB=0.608953;BQB=0.939754;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,  
 =0.988826;MQB=0.00785131;MQSB=0.538255;BQB=0.999934;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,8,  
 =0.998381;MQB=1.59074e-05;MQSB=0.467912;BQB=0.953367;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,1  
 =0.990821;MQB=3.9118e-07;MQSB=0.454645;BQB=0.961786;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,16  
 =0.633711;MQB=5.53624e-07;MQSB=0.444023;BQB=0.30583;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,15  
 =0.588427;MQB=1.63295e-07;MQSB=0.719877;BQB=0.449134;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,1  
  
 }=0.834045;MQB=1;MQSB=1;BQB=0.292519;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=57,10,21,8;MQ=42  
 =0.699859;MQB=0.977517;MQSB=0.948415;BQB=0.260393;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,15,1  
 }=0.85956;MQB=1;MQSB=1;BQB=0.78815;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,15,12,9;MQ=42  
 =0.669345;MQB=1;MQSB=1;BQB=0.965201;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,14,8,13;MQ=42  
 }=0.727858;MQB=0.162868;MQSB=0.924912;BQB=0.328537;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,27,  
 )B=0.496393;MQB=0.731497;MQSB=0.974558;BQB=0.376227;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=39,11  
 }=0.206405;MQB=0.747267;MQSB=0.981583;BQB=0.994834;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=38,25,  
 81;MQB=0.342519;MQSB=0.896259;BQB=0.72872;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,20,14,9;MQ=  
 =0.714507;MQB=0.857177;MQSB=0.999182;BQB=0.689291;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,14,1  
 =0.233033;MQB=0.583596;MQSB=0.976666;BQB=0.938476;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,23,1  
 }=0.715059;MQB=0.21136;MQSB=0.960538;BQB=0.0345303;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,21,  
 =0.347998;MQB=0.0028896;MQSB=0.999466;BQB=0.969222;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,14,  
 =0.0803687;MQB=0.943843;MQSB=0.988268;BQB=0.722378;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,12,  
 )PB=0.00302601;MQB=0.0028896;MQSB=0.999613;BQB=0.98998;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=3  
 =0.977341;MQB=0.817452;MQSB=0.913182;BQB=0.736229;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,24,1

=0.775106;MQB=0.360948;MQSB=0.987579;BQB=0.671625;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,19,1  
=0.92332;MQB=0.452237;MQSB=0.999058;BQB=0.258934;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,18,10  
=0.983529;MQB=0.00344141;MQSB=0.776098;BQB=0.502177;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,1,1  
=0.860349;MQB=0.115325;MQSB=0.455749;BQB=0.999583;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=14,10,7  
=0.936661;MQB=0.162991;MQSB=0.44612;BQB=0.926303;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,15,1  
=0.798435;MQB=0.259849;MQSB=0.985816;BQB=0.987746;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=12,11,9  
=0.71675;MQB=9.03648e-05;MQSB=0.856505;BQB=0.763897;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,1,1  
=0.963591;MQB=1;MQSB=1;BQB=0.930956;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=12,12,9,5;MQ=42  
=0.393004;MQB=7.75812e-12;MQSB=0.960129;BQB=0.796132;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=  
=0.871633;MQB=0.0819348;MQSB=0.102;BQB=0.907278;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=39,16,14,  
=0.815376;MQB=0.0618769;MQSB=0.977907;BQB=0.679846;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,12,  
=0.692146;MQB=1.39251e-05;MQSB=0.422698;BQB=0.877231;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,1  
=0.331176;MQB=0.941765;MQSB=0.952629;BQB=0.946387;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=12,12,1  
=0.951228;MQB=0.656708;MQSB=0.821361;BQB=0.992032;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,14,13  
=0.378164;MQB=0.499635;MQSB=0.811806;BQB=0.926846;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,10,1  
=0.98637;MQB=0.433888;MQSB=0.998148;BQB=0.704691;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,8,11,8,  
=0.999867;MQB=2.86591e-06;MQSB=0.986359;BQB=0.970623;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,1  
=0.90121;MQB=0.687289;MQSB=0.998882;BQB=0.903572;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,17,19  
=0.869768;MQB=0.000520257;MQSB=0.989175;BQB=0.202045;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=2  
=0.9937;MQB=0.960546;MQSB=0.989998;BQB=0.920562;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,20,18,  
=0.987298;MQB=0.825348;MQSB=0.941194;BQB=0.9998;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,9,11,8;  
=0.0893728;MQB=1;MQSB=1;BQB=0.358578;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,23,10,8;MQ=42  
=0.736564;MQB=0.959347;MQSB=0.984963;BQB=0.896919;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,17,1  
=0.614241;MQB=0.961249;MQSB=0.98998;BQB=0.968012;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,13,16  
=0.800945;MQB=0.993329;MQSB=0.994273;BQB=0.994634;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=50  
=0.649593;MQB=0.929634;MQSB=0.932464;BQB=0.367243;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=45,18,18  
=0.991356;MQB=0.0262714;MQSB=0.432448;BQB=0.998822;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=49,2,  
=0.860069;MQB=0.00721159;MQSB=0.291412;BQB=0.804874;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=39,  
=0.828488;MQB=3.76557e-07;MQSB=0.999018;BQB=0.905835;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=38,1  
=0.853432;MQB=1.09372e-05;MQSB=0.566036;BQB=0.836533;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=43,9  
=0.997714;MQB=0.000984795;MQSB=0.748186;BQB=0.770748;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33  
=0.932532;MQB=0.947924;MQSB=0.939302;BQB=0.978141;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,10,12  
=0.810552;MQB=0.000798227;MQSB=0.620219;BQB=0.961728;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=  
=0.521378;MQB=0.00363901;MQSB=0.646142;BQB=0.962155;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=3  
=0.296713;MQB=0.00451101;MQSB=0.334041;BQB=0.907194;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,9,  
=0.0614686;MQB=0.958211;MQSB=0.966846;BQB=0.659105;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=5,3,21  
=0.93242;MQB=1;MQSB=1;BQB=0.993517;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,34,15,9;MQ=42  
=0.827993;MQB=0.769913;MQSB=0.750336;BQB=0.844307;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,15,2  
=0.96795;MQB=0.000188638;MQSB=0.654188;BQB=0.947895;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=61,1  
=0.976905;MQB=0.000491923;MQSB=0.576317;BQB=0.985965;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=5  
=0.979393;MQB=0.00458976;MQSB=0.632509;BQB=0.985415;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=53,  
=0.769916;MQB=0.0105167;MQSB=0.590439;BQB=0.842168;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=3  
=0.735395;MQB=0.582262;MQSB=0.878439;BQB=0.716807;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=41,15,  
=0.967188;MQB=0.791025;MQSB=0.561993;BQB=0.999966;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,19,  
=0.424121;MQB=0.920733;MQSB=0.982688;BQB=0.424121;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=63,32,3  
=0.43805;MQB=0.626425;MQSB=0.986647;BQB=0.864566;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=59,46,3  
=0.378935;MQB=0.476246;MQSB=0.973658;BQB=0.803663;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=57,4,



3=0.998171;MQB=0.648432;MQSB=0.99873;BQB=0.580349;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=58,31,1  
3=0.961665;MQB=0.477631;MQSB=0.949809;BQB=0.683589;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=53,27,  
;RPB=0.00126887;MQB=8.77992e-10;MQSB=0.999578;BQB=0.987033;MQ0F=0.00632911;ICB=1;HOB=0.5;AC  
;PB=0.00641969;MQB=2.9024e-09;MQSB=0.984958;BQB=0.804579;MQ0F=0.00617284;ICB=1;HOB=0.5;AC=1;  
PB=0.166472;MQB=1.46423e-07;MQSB=0.351664;BQB=0.984055;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=7  
;PB=0.0539194;MQB=3.15771e-06;MQSB=0.25185;BQB=0.496683;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=  
PB=0.105671;MQB=2.50017e-06;MQSB=0.128368;BQB=0.371092;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=8  
3=0.976527;MQB=2.84925e-05;MQSB=0.00260902;BQB=0.351672;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=  
.999815;MQB=1.52406e-05;MQSB=0.997888;BQB=0.984032;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,22  
=0.72959;MQB=0.0127731;MQSB=0.754392;BQB=0.996115;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,29,1  
PB=0.718182;MQB=1.6809e-07;MQSB=0.935334;BQB=0.917601;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29  
3=0.538417;MQB=8.94198e-08;MQSB=0.995264;BQB=0.999842;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29  
3=0.432699;MQB=2.35759e-07;MQSB=0.941706;BQB=0.584436;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27  
=0.229504;MQB=0.335553;MQSB=0.671716;BQB=0.635881;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,19,1  
PB=0.0491722;MQB=0.000139776;MQSB=0.572759;BQB=0.999823;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=  
PB=0.0262399;MQB=0.000333702;MQSB=0.663845;BQB=0.926816;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=  
=0.597679;MQB=0.011704;MQSB=0.563039;BQB=0.96616;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,9,17,  
=0.942116;MQB=0.319402;MQSB=0.979698;BQB=0.917309;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=41,15,1  
3=0.966381;MQB=0.0176013;MQSB=0.994772;BQB=0.813197;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=42,2  
=0.597761;MQB=0.00843143;MQSB=0.962897;BQB=0.540776;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,3  
=0.987759;MQB=0.0212431;MQSB=0.918474;BQB=0.654321;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,36  
=0.860501;MQB=0.781802;MQSB=0.997839;BQB=0.899416;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=11,5,5,  
=0.997975;MQB=0.816521;MQSB=0.986533;BQB=0.978817;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,5,8,  
=0.977341;MQB=0.0397558;MQSB=0.912368;BQB=0.986896;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,13  
=0.938978;MQB=0.038804;MQSB=0.920974;BQB=0.946022;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,13,1  
=0.934311;MQB=0.598194;MQSB=0.990579;BQB=0.784723;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,12,8  
=0.606531;MQB=0.135335;MQSB=0.800737;BQB=0.786907;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=7,6,6,7,  
B=0.834047;MQB=1.01706e-11;MQSB=0.87586;BQB=0.966847;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,  
B=0.352148;MQB=7.78484e-12;MQSB=0.752289;BQB=0.931125;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25  
PB=0.0535819;MQB=8.10464e-12;MQSB=0.670547;BQB=0.491444;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=  
=0.954158;MQB=0.0102957;MQSB=0.58085;BQB=0.196827;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=49,30,2  
=0.19027;MQB=0.942731;MQSB=0.942731;BQB=0.885675;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,7,7,8,  
=0.849513;MQB=1;MQSB=1;BQB=0.700893;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=12,1,6,6;MQ=42  
=0.652109;MQB=0.0719551;MQSB=0.636893;BQB=0.994466;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,11,  
3=0.994302;MQB=0.0113334;MQSB=0.237622;BQB=0.987225;MQ0F=0.0217391;ICB=1;HOB=0.5;AC=1;AN=2;I  
=0.785154;MQB=0.00589295;MQSB=0.12154;BQB=0.565274;MQ0F=0.0217391;ICB=1;HOB=0.5;AC=1;AN=2;D  
PB=0.674788;MQB=2.2294e-07;MQSB=0.922658;BQB=0.806217;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32  
3=0.508099;MQB=0.0476886;MQSB=0.348746;BQB=0.995676;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,2  
=0.86116;MQB=0.26575;MQSB=0.453734;BQB=0.407867;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,23,16,  
=0.224725;MQB=0.537074;MQSB=0.832193;BQB=0.600054;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,26,1  
=0.966009;MQB=0.000136487;MQSB=0.811976;BQB=0.977429;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,  
3=0.523507;MQB=0.313474;MQSB=0.628909;BQB=0.479569;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,17,  
=0.144626;MQB=0.773411;MQSB=0.924176;BQB=0.590247;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=13,24,9  
3=0.579553;MQB=0.45442;MQSB=0.742468;BQB=0.999979;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,16,1  
=0.979813;MQB=0.80748;MQSB=0.998474;BQB=0.822518;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,16,11  
=0.999499;MQB=0.484901;MQSB=0.995842;BQB=0.921747;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,22,1  
=0.678219;MQB=0.956841;MQSB=0.987474;BQB=0.594491;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,10,1

'B=0.179889;MQB=1;MQSB=1;BQB=0.342251;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,15,9,12;MQ=42  
.752;MQB=0.000174455;MQSB=0.945559;BQB=0.933909;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,22,13  
=0.833865;MQB=1.29167e-05;MQSB=0.453583;BQB=0.115039;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,2  
=0.956866;MQB=0.988273;MQSB=0.911707;BQB=0.995762;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,18,7  
=0.847055;MQB=0.688338;MQSB=0.814543;BQB=0.899215;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,12,1  
=0.576063;MQB=0.000369672;MQSB=0.200247;BQB=0.40653;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,  
=0.210538;MQB=6.38765e-08;MQSB=0.283155;BQB=0.550555;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33  
=0.295625;MQB=9.4047e-05;MQSB=0.706957;BQB=0.601645;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,15  
'B=0.985602;MQB=0.0233979;MQSB=0.894117;BQB=0.141766;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,  
.430752;MQB=0.0193201;MQSB=0.94991;BQB=0.638843;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,16,12  
=0.72413;MQB=0.992089;MQSB=0.966808;BQB=0.984186;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,18,2  
.984905;MQB=0.00324195;MQSB=0.234102;BQB=0.983092;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,9,1  
=0.772135;MQB=0.908693;MQSB=0.878382;BQB=0.960215;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=40,39  
'B=0.275352;MQB=0.0760623;MQSB=0.544659;BQB=0.429052;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,  
=0.0430525;MQB=0.0316362;MQSB=0.417111;BQB=0.665359;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,1  
=0.96835;MQB=0.0288438;MQSB=0.738279;BQB=0.963753;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,21,1  
=0.921087;MQB=0.029548;MQSB=0.998932;BQB=0.546272;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,21,1  
=0.789589;MQB=0.340799;MQSB=0.814899;BQB=0.760343;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,14,1  
=0.714217;MQB=0.300358;MQSB=0.998887;BQB=0.999605;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=39,11  
=0.665847;MQB=0.285765;MQSB=0.998401;BQB=0.848417;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,11  
=0.986875;MQB=0.415458;MQSB=0.886754;BQB=0.999922;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,15,1  
=0.191749;MQB=0.0917443;MQSB=0.889821;BQB=0.942459;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,18  
852862;MQB=0.67903;MQSB=0.981453;BQB=0.997747;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,17,11,8  
'PB=0.434223;MQB=0.958018;MQSB=0.971889;BQB=0.900394;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,  
.983055;MQB=1;MQSB=1;BQB=0.404965;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,25,10,8;MQ=42  
=0.788696;MQB=1;MQSB=1;BQB=0.468499;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,23,10,8;MQ=42  
=0.72718;MQB=0.00802908;MQSB=0.081161;BQB=0.812537;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,16  
=0.872891;MQB=0.443833;MQSB=0.863708;BQB=0.789252;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,19,1  
=0.601868;MQB=0.0083919;MQSB=0.71945;BQB=0.942192;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=9,15,11  
=0.998686;MQB=0.135335;MQSB=0.298234;BQB=0.973724;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=10,3,8,  
=0.997209;MQB=4.82365e-05;MQSB=0.204648;BQB=0.63591;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,11  
=0.99993;MQB=4.75567e-06;MQSB=0.256774;BQB=0.376547;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,11  
=0.514163;MQB=0.937643;MQSB=0.81894;BQB=0.976545;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,17,12  
424461;MQB=0.464032;MQSB=0.999755;BQB=0.933923;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,7,13,6  
'B=0.543018;MQB=1;MQSB=1;BQB=0.809868;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=39,23,12,9;MQ=42  
=0.739934;MQB=0.00751162;MQSB=0.157569;BQB=0.898208;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=14,1  
=0.586444;MQB=1;MQSB=1;BQB=0.982629;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,20,12,12;MQ=42  
=0.938706;MQB=0.670981;MQSB=0.908379;BQB=0.865426;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,15,1  
=0.254408;MQB=0.33474;MQSB=0.937849;BQB=0.871098;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,22,14  
=0.973796;MQB=0.452237;MQSB=0.961927;BQB=0.865393;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,13,8  
.999526;MQB=0.0482394;MQSB=0.176897;BQB=0.291693;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,11,1  
.978141;MQB=0.206793;MQSB=0.964761;BQB=0.537962;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,15,11  
=0.903401;MQB=0.955854;MQSB=0.971867;BQB=0.99901;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,17,9  
PB=0.370713;MQB=1;MQSB=1;BQB=0.0764263;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,29,13,9;MQ=42  
=0.921709;MQB=0.00145101;MQSB=0.481335;BQB=0.42139;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,16  
=0.681816;MQB=0.00798246;MQSB=0.627657;BQB=0.354794;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,1  
=0.122848;MQB=1;MQSB=1;BQB=0.518303;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,16,11,7;MQ=42

=0.990712;MQB=0.954963;MQSB=0.976859;BQB=0.605414;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,23,1  
=0.939424;MQB=0.956551;MQSB=0.979491;BQB=0.727803;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,23,1  
=0.669823;MQB=0.954659;MQSB=0.986526;BQB=0.811372;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,19,1  
}=0.71589;MQB=0.988088;MQSB=0.963465;BQB=0.993282;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,21,1  
}=0.948374;MQB=1;MQSB=1;BQB=0.349543;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=40,13,18,9;MQ=42  
=0.999361;MQB=0.953846;MQSB=0.982211;BQB=0.99569;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,25,10  
) .845166;MQB=4.1529e-07;MQSB=0.951197;BQB=0.972937;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,9,1  
=0.947472;MQB=0.000796011;MQSB=0.832643;BQB=0.916308;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=14,1  
=0.271044;MQB=0.938306;MQSB=0.9875;BQB=0.909259;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,8,8,8;M  
}=0.977426;MQB=0.241212;MQSB=0.972067;BQB=0.912715;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=8,6,44  
) .997602;SGB=-0.691153;MQSB=0.998485;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,19,9,9;MQ=40  
=0.916171;MQB=0.913178;MQSB=0.895247;BQB=0.99925;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,15,16  
}=0.928856;MQB=2.00419e-06;MQSB=0.789305;BQB=0.943883;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36  
}=0.999972;MQB=0.399928;MQSB=0.630549;BQB=0.663945;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=44,29,

=0.00264458;MQB=0.236382;MQSB=0.792218;BQB=0.989459;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=13,0  
=0.998731;MQB=0.889017;MQSB=0.919644;BQB=0.914784;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,17,1  
}=0.326327;MQB=1;MQSB=1;BQB=0.154275;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,12,15,6;MQ=42  
=0.951197;MQB=0.768104;MQSB=0.94568;BQB=0.998286;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,8,9,6  
=0.715286;MQB=0.770381;MQSB=0.909084;BQB=0.987828;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,13,9

.767581;MQB=0.952126;MQSB=0.987503;BQB=0.703409;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,24,13  
}=0.340229;MQB=0.809338;MQSB=0.88692;BQB=0.894144;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=14,19,1  
.36019;MQB=0.649282;MQSB=0.783218;BQB=0.673319;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=14,17,12,  
=0.664019;MQB=0.679965;MQSB=0.833508;BQB=0.256273;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,16,1  
}=0.998942;MQB=0.000242408;MQSB=0.809301;BQB=0.361458;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20  
=0.571081;MQB=1;MQSB=1;BQB=0.416716;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,10,7,8;MQ=42  
}=0.96176;MQB=0.839089;MQSB=0.965521;BQB=0.490753;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,8,15  
=0.668509;MQB=0.677321;MQSB=0.9987;BQB=0.970966;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,13,12,  
766672;MQB=0.625209;MQSB=0.996186;BQB=0.973459;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,14,10,  
=0.910116;MQB=0.677321;MQSB=0.990946;BQB=0.289654;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,16,1  
=0.998808;MQB=0.992241;MQSB=0.97436;BQB=0.344562;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,12,20  
.80308;MQB=0.827711;MQSB=0.998513;BQB=0.993709;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,22,12,  
=0.93168;MQB=0.956273;MQSB=0.962689;BQB=0.92477;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,12,10,  
=0.56636;MQB=0.139807;MQSB=0.705063;BQB=0.914268;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,15,13  
=0.990299;MQB=0.957485;MQSB=0.987503;BQB=0.916006;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,22,1  
=0.553388;MQB=0.94309;MQSB=0.96263;BQB=0.567151;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,14,8,10  
=0.779721;MQB=0.173972;MQSB=0.993846;BQB=0.459658;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,22,1  
=0.972895;MQB=0.184216;MQSB=0.99973;BQB=0.843678;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,17,14  
=0.999732;MQB=0.171895;MQSB=0.721208;BQB=0.497546;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,7,13  
=0.477241;MQB=0.171895;MQSB=0.775167;BQB=0.573715;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,8,13  
}=0.991206;MQB=0.691577;MQSB=0.876598;BQB=0.875213;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,24,  
}=0.992497;MQB=0.534527;MQSB=0.951498;BQB=0.558116;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,25,  
=0.889904;MQB=0.418878;MQSB=0.902202;BQB=0.919044;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,20,1  
=0.80489;MQB=0.0816715;MQSB=0.731483;BQB=0.888013;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,10,1  
462;MQB=0.0267389;MQSB=0.449625;BQB=0.89835;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,10,17,3;M  
QB=0.763926;MQB=0.0389356;MQSB=0.757327;BQB=0.570506;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=39,  
}=0.263065;MQB=0.00737919;MQSB=0.942877;BQB=0.999959;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,  
}=0.70161;MQB=0.00737919;MQSB=0.995887;BQB=0.576854;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,10  
=0.262511;MQB=0.00625211;MQSB=0.216888;BQB=0.223127;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,1  
=0.482743;MQB=0.00605335;MQSB=0.262797;BQB=0.273979;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,10  
=0.924398;MQB=1;MQSB=1;BQB=0.72642;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,19,10,10;MQ=42  
=0.505415;MQB=0.89935;MQSB=0.794097;BQB=0.298302;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,21,12  
=0.273116;MQB=0.472367;MQSB=0.941963;BQB=0.585189;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,24,1  
  
}=0.925161;MQB=0.000893581;MQSB=0.505719;BQB=0.742474;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32  
=0.0556499;MQB=0.414388;MQSB=0.976368;BQB=0.949212;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,10,  
.856157;MQB=1;MQSB=1;BQB=0.49651;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,16,7,12;MQ=42  
=0.902142;MQB=2.25841e-05;MQSB=0.756178;BQB=0.869209;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,2  
.298688;MQB=0.3342;MQSB=0.942736;BQB=0.897796;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,16,11,9,  
=0.502474;MQB=0.83843;MQSB=0.942545;BQB=0.979215;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,18,15  
}=0.770905;MQB=0.475321;MQSB=0.966731;BQB=0.922528;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,15,  
=0.78488;MQB=0.943749;MQSB=0.954622;BQB=0.833653;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=10,12,7,  
.702138;MQB=0.190124;MQSB=0.64496;BQB=0.464654;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,19,11,  
QB=0.0384054;MQB=0.151689;MQSB=0.859516;BQB=0.936008;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=45,  
}=0.0818612;MQB=0.175488;MQSB=0.877797;BQB=0.520251;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=47,20  
}=0.93667;MQB=0.00985633;MQSB=0.578121;BQB=0.92723;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=66,17,  
.458241;MQB=0.798066;MQSB=0.995757;BQB=0.380405;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,17,9,

=0.813017;MQB=0.939302;MQSB=0.960816;BQB=0.583774;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,14,8  
{=0.802479;MQB=0.672294;MQSB=0.939847;BQB=0.436734;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=38,22,  
{=0.299373;MQB=0.996554;MQSB=0.993302;BQB=0.89953;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,20,9  
=0.996737;MQB=0.152231;MQSB=0.376297;BQB=0.991408;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,17,1  
{=0.994781;MQB=0.720037;MQSB=0.839742;BQB=0.99993;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,36,2  
=0.999624;MQB=0.668678;MQSB=0.992689;BQB=0.692067;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,34,2  
'B=0.693772;MQB=0.765171;MQSB=0.999442;BQB=0.445737;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,3  
=0.356656;MQB=0.68395;MQSB=0.752656;BQB=0.82504;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,19,14,  
) .983891;MQB=0.989461;MQSB=0.954553;BQB=0.997097;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,11,11  
=0.92161;MQB=0.0183156;MQSB=0.99869;BQB=0.721422;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=13,8,9,5  
=0.331757;MQB=1.35833e-05;MQSB=0.830267;BQB=0.734821;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=38,1  
'B=0.975335;MQB=0.008164;MQSB=0.802819;BQB=0.681732;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,1  
=0.70532;MQB=0.00722918;MQSB=0.821301;BQB=0.968181;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=43,12  
{=0.980343;MQB=0.000355788;MQSB=0.80305;BQB=0.89952;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,2  
'B=0.129498;MQB=0.000292273;MQSB=0.757263;BQB=0.482973;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=1  
'B=0.0702418;MQB=0.000248453;MQSB=0.846856;BQB=0.564119;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=  
{=0.716833;MQB=0.0289836;MQSB=0.791083;BQB=0.905699;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,3  
) .980554;MQB=0.945479;MQSB=0.979712;BQB=0.62448;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,25,11,  
=0.979056;MQB=0.82315;MQSB=0.994263;BQB=0.995057;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,16,11  
) .885892;MQB=0.803624;MQSB=0.938795;BQB=0.996121;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,16,9  
{PB=0.855862;MQB=0.14379;MQSB=0.565877;BQB=0.888434;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,2  
{PB=0.97617;MQB=0.135704;MQSB=0.556013;BQB=0.880215;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,2  
=0.986063;MQB=1.31923e-06;MQSB=0.969522;BQB=0.999806;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,1  
=0.0741667;MQB=0.0001273;MQSB=0.434383;BQB=0.937301;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,9  
{=0.842289;MQB=4.90584e-05;MQSB=0.925416;BQB=1;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,13,21,9  
=0.789845;MQB=4.78512e-06;MQSB=0.863017;BQB=0.816687;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,2  
{=0.136871;MQB=1.54741e-05;MQSB=0.645854;BQB=0.137963;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34  
{=0.235909;MQB=2.86171e-05;MQSB=0.567421;BQB=0.999942;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=39  
=0.329989;MQB=3.45226e-05;MQSB=0.6488;BQB=0.992773;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=41,28,  
{=0.956506;MQB=0.0745125;MQSB=0.205478;BQB=0.768595;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=43,2  
) .916878;MQB=0.017088;MQSB=0.915642;BQB=0.402323;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,14,10  
=0.999706;MQB=4.97676e-07;MQSB=0.961172;BQB=0.958481;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,1  
=0.998823;MQB=9.48753e-08;MQSB=0.889174;BQB=0.87457;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,16  
=0.968625;MQB=9.39748e-06;MQSB=0.865032;BQB=0.647207;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,2  
=0.590592;MQB=2.87735e-07;MQSB=0.935761;BQB=0.586085;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,1  
=0.979302;MQB=0.619945;MQSB=0.973851;BQB=0.456284;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,26,1  
=0.235471;MQB=1;MQSB=1;BQB=0.882086;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,24,10,10;MQ=42  
{=0.354321;MQB=0.705067;MQSB=0.999793;BQB=0.776275;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=39,26  
=0.871776;MQB=0.968257;MQSB=0.993158;BQB=0.697211;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=45,19,2  
=0.630692;MQB=0.63819;MQSB=0.803679;BQB=0.989902;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,28,10  
834723;MQB=0.160784;MQSB=0.412975;BQB=0.728107;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,23,10,  
'B=0.0652817;MQB=0.889253;MQSB=0.885929;BQB=0.995692;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,  
'B=0.194683;MQB=0.74567;MQSB=0.812769;BQB=0.96897;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,19,1  
{=0.976012;MQB=0.506349;MQSB=0.914152;BQB=0.697363;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,10  
=0.000752107;MQB=0.46413;MQSB=0.999973;BQB=0.211693;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,9  
=0.830373;MQB=0.000572954;MQSB=0.858774;BQB=0.67261;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,2  
=0.551484;MQB=1.47348e-06;MQSB=0.991682;BQB=0.544793;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,1

=0.985821;MQB=0.000228985;MQSB=0.85439;BQB=0.988268;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,1  
}=0.614503;MQB=0.00053819;MQSB=0.925663;BQB=0.974729;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=38,  
'B=0.549183;MQB=0.000599809;MQSB=0.636951;BQB=0.57038;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23  
}=0.75341;MQB=9.65368e-05;MQSB=0.471825;BQB=0.982459;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,3  
=0.702096;MQB=1;MQSB=1;BQB=0.796538;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,15,16,7;MQ=42  
=0.994598;MQB=0.0917443;MQSB=0.983585;BQB=0.981708;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,20,  
}=0.987261;MQB=0.218012;MQSB=0.779943;BQB=0.887574;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,19,  
=0.475959;MQB=0.0233182;MQSB=0.787829;BQB=0.902138;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,23,  
=0.945204;MQB=0.475959;MQSB=0.834302;BQB=0.643618;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,18,1  
}=0.999506;MQB=0.000865697;MQSB=0.842039;BQB=0.7;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=48,24,18  
) .959345;MQB=0.947924;MQSB=0.989115;BQB=0.327053;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,9,9,1  
=0.900128;MQB=0.00136037;MQSB=0.711501;BQB=0.907584;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,1  
=0.901657;MQB=0.966762;MQSB=0.92329;BQB=0.594073;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,25,11  
'B=0.614016;MQB=0.0113967;MQSB=0.975782;BQB=0.814274;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,  
=0.32566;MQB=0.95389;MQSB=0.935004;BQB=0.663107;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=14,27,11,  
=0.373068;MQB=0.990364;MQSB=0.976591;BQB=0.222684;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,22,1  
=0.993676;MQB=1;MQSB=1;BQB=0.999948;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,12,9,8;MQ=42  
}=0.442222;MQB=0.985798;MQSB=0.980133;BQB=1;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=51,13,18,8;MC  
}=0.923763;MQB=1;MQSB=1;BQB=0.838793;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,16,8,11;MQ=42  
=0.995907;MQB=1;MQSB=1;BQB=0.813231;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,16,8,11;MQ=42  
'B=0.705086;MQB=0.000427045;MQSB=0.571209;BQB=0.940539;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=3  
) .990372;MQB=1;MQSB=1;BQB=0.979403;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,11,12,7;MQ=42  
=0.806527;MQB=0.960316;MQSB=0.977879;BQB=0.709201;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,21,1  
=0.0299851;MQB=5.04026e-06;MQSB=0.994248;BQB=0.895709;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36  
=0.96571;MQB=0.498749;MQSB=0.599353;BQB=0.115802;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,18,13  
=0.987021;MQB=1;MQSB=1;BQB=0.966484;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,34,8,14;MQ=42  
=0.698688;MQB=0.000763893;MQSB=0.905005;BQB=0.50363;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,2  
=0.999824;MQB=0.0951046;MQSB=0.180516;BQB=0.137841;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,19,  
) .477622;MQB=0.94832;MQSB=0.985864;BQB=0.83731;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,14,11,8,  
'B=0.0509222;MQB=0.898311;MQSB=0.820313;BQB=0.75926;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,2  
=0.482194;MQB=8.40584e-09;MQSB=0.784759;BQB=0.605043;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=45,2  
}=0.999915;MQB=3.23441e-11;MQSB=0.303713;BQB=0.749043;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=41  
=0.964954;MQB=1;MQSB=1;BQB=0.952603;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,27,12,11;MQ=42  
}=0.830373;MQB=1;MQSB=1;BQB=0.16736;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,24,14,6;MQ=42  
) .987209;MQB=0.00580373;MQSB=0.949723;BQB=0.905131;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,22,  
=0.916493;MQB=0.39601;MQSB=0.650105;BQB=0.631404;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=12,10,10  
=0.600586;MQB=0.000453682;MQSB=0.241474;BQB=0.99926;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,1  
}=0.755742;MQB=0.36331;MQSB=0.721354;BQB=0.902378;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,22,1  
}=0.999959;MQB=0.962638;MQSB=0.992957;BQB=0.941132;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=43,18,  
=0.431213;MQB=0.458406;MQSB=0.774486;BQB=0.887574;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,14,1  
=0.4357;MQB=0.458406;MQSB=0.774486;BQB=0.659325;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,14,11,  
=0.987642;MQB=0.0642568;MQSB=0.292409;BQB=0.745748;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,17,  
=0.992795;MQB=0.0386015;MQSB=0.606507;BQB=0.107235;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,11,  
=0.43599;MQB=0.0386015;MQSB=0.606507;BQB=0.421611;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,11,1  
=0.475378;MQB=0.942873;MQSB=0.984597;BQB=0.16275;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,14,12  
=0.152851;MQB=0.94394;MQSB=0.9869;BQB=0.198497;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,11,12,5,  
=0.595295;MQB=0.000248721;MQSB=0.851231;BQB=0.889963;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,

=0.056268;MQB=0.000189839;MQSB=0.990401;BQB=0.89961;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,1,  
}=0.0980033;MQB=5.88652e-05;MQSB=0.900615;BQB=0.997811;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=2  
}=0.0746719;MQB=5.39329e-05;MQSB=0.878641;BQB=0.957261;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=2  
=0.974425;MQB=0.824214;MQSB=0.885574;BQB=0.963673;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,20,1  
}=0.806217;MQB=0.827711;MQSB=0.894968;BQB=0.54617;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,20,1  
=0.497511;MQB=1;MQSB=1;BQB=0.908178;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,5,11,7;MQ=42  
}=0.599121;MQB=4.42666e-09;MQSB=0.93681;BQB=0.300524;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,1  
=0.610328;MQB=1.00365e-08;MQSB=0.998026;BQB=0.140311;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,1  
=0.999915;MQB=1.09532e-05;MQSB=0.368467;BQB=0.562763;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,1  
=0.935166;MQB=1.09532e-05;MQSB=0.238993;BQB=0.886713;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,1  
) .831375;MQB=0.564369;MQSB=0.787342;BQB=0.773259;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,20,17  
=0.847241;MQB=0.112836;MQSB=0.862066;BQB=0.754911;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,7,16  
=0.417159;MQB=0.11802;MQSB=0.614551;BQB=0.942369;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,20,9,  
=0.980186;MQB=0.21136;MQSB=0.865135;BQB=0.942594;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,15,17  
=0.817173;MQB=0.283114;MQSB=0.798125;BQB=0.901413;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=40,13,1  
=0.940958;MQB=0.306721;MQSB=0.965348;BQB=0.886533;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=39,13,1  
=0.569783;MQB=0.972604;MQSB=0.92359;BQB=0.899762;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,9,16,  
=0.155496;MQB=1;MQSB=1;BQB=0.423153;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,9,12,7;MQ=42  
=0.434285;MQB=0.668513;MQSB=0.99984;BQB=0.958919;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=42,21,15  
) .630227;MQB=0.0775299;MQSB=0.873081;BQB=0.162838;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,12,1  
=0.916983;MQB=0.0441572;MQSB=0.99078;BQB=0.839027;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,12,1  
}=0.993411;MQB=0.0070236;MQSB=0.823397;BQB=0.994621;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=43,3,  
=0.127598;MQB=0.80748;MQSB=0.999832;BQB=0.258658;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=17,17,10  
=0.559382;MQB=0.0846576;MQSB=0.789571;BQB=0.881599;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,21,  
=0.444987;MQB=0.132932;MQSB=0.683274;BQB=0.704805;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,22,1  
=0.957592;MQB=0.0367675;MQSB=0.966877;BQB=0.970803;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,23,  
=0.974216;MQB=0.110914;MQSB=0.956646;BQB=0.9767;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,23,13,  
=0.743521;MQB=0.2135;MQSB=0.907832;BQB=0.0283519;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,27,9,  
'B=0.987798;MQB=1;MQSB=1;BQB=0.928704;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=44,19,16,8;MQ=42  
=0.864553;MQB=0.948554;MQSB=0.954951;BQB=0.912079;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,14,1  
}=0.995708;MQB=0.983822;MQSB=0.934125;BQB=0.952372;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,32,  
}=0.276196;MQB=0.99409;MQSB=0.9746;BQB=0.570331;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=45,28,21,  
=0.852329;MQB=0.000148134;MQSB=0.988152;BQB=0.974162;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,  
}=0.999492;MQB=3.27671e-05;MQSB=0.984877;BQB=0.882662;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34  
}=0.923988;MQB=1.5821e-07;MQSB=0.999988;BQB=0.373219;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=43,1  
}=0.459679;MQB=1.01783e-06;MQSB=0.894514;BQB=0.99864;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,2  
}=0.33809;MQB=3.10013e-06;MQSB=0.934825;BQB=0.990598;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,2  
}=0.871285;MQB=0.95771;MQSB=0.964302;BQB=0.992095;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,19,1  
}=0.917038;MQB=0.640549;MQSB=0.989117;BQB=0.919854;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=52,19,  
) .619697;MQB=0.934313;MQSB=0.95627;BQB=0.229568;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=9,17,9,5;M  
=0.388984;MQB=0.820438;MQSB=0.820438;BQB=0.828915;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=7,12,9,  
}=0.0812927;MQB=0.0101369;MQSB=0.990277;BQB=0.754207;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,  
}=0.500557;MQB=0.0329264;MQSB=0.765385;BQB=0.791424;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=13,11  
=0.679388;MQB=0.000138911;MQSB=0.1011;BQB=0.934083;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,18,  
=0.972095;MQB=0.0169842;MQSB=0.921663;BQB=0.21081;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=10,26,8  
=0.786862;MQB=0.0086104;MQSB=0.477051;BQB=0.392668;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,22,  
) .897836;MQB=1;MQSB=1;BQB=0.881747;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,15,9,10;MQ=42

.99026;MQB=0.953146;MQSB=0.991739;BQB=1;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,7,15,4;MQ=41  
=0.995283;MQB=2.91095e-05;MQSB=0.929428;BQB=0.289692;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,2  
=0.714952;MQB=0.0293222;MQSB=0.656897;BQB=0.942815;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,14  
=0.999744;MQB=0.246555;MQSB=0.913866;BQB=0.979502;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,25,1  
PB=0.769517;MQB=0.836533;MQSB=0.826801;BQB=0.599789;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,1  
=0.940419;MQB=0.98572;MQSB=0.908231;BQB=0.223941;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,22,11  
.180073;MQB=0.98835;MQSB=0.982575;BQB=0.994805;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,22,7,1  
.0272765;MQB=0.98769;MQSB=0.980924;BQB=0.550011;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,20,6,  
}=0.693143;MQB=6.735e-06;MQSB=0.316121;BQB=0.257662;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=33,24  
=0.965934;MQB=5.78172e-07;MQSB=0.692675;BQB=0.121163;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,2  
}=0.99973;MQB=0.00139326;MQSB=0.0797169;BQB=0.133443;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,  
}=0.616149;MQB=0.00139326;MQSB=0.0797169;BQB=0.246393;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21  
.848804;MQB=1.02125e-06;MQSB=0.748798;BQB=0.989535;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,22  
PB=0.907521;MQB=2.05173e-05;MQSB=0.999917;BQB=0.982877;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=2  
PB=0.152169;MQB=0.603641;MQSB=0.949642;BQB=0.580397;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,1  
PB=0.643477;MQB=0.200134;MQSB=0.885066;BQB=0.98688;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=26,2  
.994889;MQB=0.00727092;MQSB=0.591148;BQB=0.959345;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,19  
}=0.406109;MQB=0.00743954;MQSB=0.427111;BQB=0.999385;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,  
}=0.397953;MQB=0.00743954;MQSB=0.427111;BQB=0.943636;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,  
.177572;MQB=0.00278688;MQSB=0.27892;BQB=0.345677;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,27,17  
=0.9525;MQB=0.0135683;MQSB=0.692626;BQB=0.998393;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=22,23,12  
=0.812139;MQB=0.795827;MQSB=0.918335;BQB=0.99869;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,13,9,  
=0.134035;MQB=5.27676e-05;MQSB=0.350635;BQB=0.950074;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,2  
=0.614252;MQB=8.48182e-05;MQSB=0.639583;BQB=0.814362;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,1  
=0.950307;MQB=0.0125881;MQSB=0.998994;BQB=0.710742;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,16  
=0.92517;MQB=0.00451101;MQSB=0.951881;BQB=0.938316;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,20  
=0.533904;MQB=0.00306036;MQSB=0.963851;BQB=0.972972;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=18,1  
=0.971036;MQB=0.953282;MQSB=0.983875;BQB=0.858785;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=23,14,1  
=0.41842;MQB=0.0426414;MQSB=0.9997;BQB=0.772947;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,15,11,  
}=0.0580987;MQB=0.0651769;MQSB=0.846701;BQB=0.997584;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=34,  
=0.991444;MQB=0.194687;MQSB=0.98285;BQB=0.324165;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,25,8,  
}=0.54136;MQB=0.394376;MQSB=0.898378;BQB=0.906811;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=37,29,1  
}=0.631307;MQB=0.3927;MQSB=0.902749;BQB=0.74032;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=38,29,14,  
=0.96541;MQB=3.81683e-05;MQSB=0.97436;BQB=0.974643;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,19,  
=0.976309;MQB=1.98626e-05;MQSB=0.936039;BQB=0.782302;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,1  
}=0.910626;MQB=0.000547795;MQSB=0.611782;BQB=0.856616;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35  
}=0.357419;MQB=0.00315229;MQSB=0.627225;BQB=0.777695;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=32,  
=0.997957;MQB=0.441233;MQSB=0.855303;BQB=0.901735;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,18,1  
=0.273407;MQB=0.780657;MQSB=0.999915;BQB=0.973882;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=12,14,9  
=0.614683;MQB=0.924152;MQSB=0.979909;BQB=0.397626;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=13,12,7  
}=0.164559;MQB=0.577654;MQSB=0.932539;BQB=0.0797484;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=2,23,  
.1567603;MQB=0.814659;MQSB=0.938795;BQB=0.640986;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=12,25,9,  
=0.873457;MQB=1;MQSB=1;BQB=0.216683;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=24,13,11,7;MQ=42  
}=0.588245;MQB=0.00123222;MQSB=0.989708;BQB=0.766663;MQ0F=0.0152284;ICB=1;HOB=0.5;AC=1;AN=2  
}=0.0289491;MQB=0.252117;MQSB=0.232922;BQB=0.904895;MQ0F=0.0204778;ICB=1;HOB=0.5;AC=1;AN=2;I  
=0.770217;MQB=0.23673;MQSB=0.914051;BQB=0.766932;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=96,37,61



=0.703542;MQB=0.993114;MQSB=0.973858;BQB=0.878306;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=28,9,15  
) .701612;MQB=0.00116827;MQSB=0.51601;BQB=0.792762;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=8,17,7,  
=0.66487;MQB=0.990858;MQSB=0.976394;BQB=0.999972;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,17,14  
=0.440286;MQB=0.861726;MQSB=0.714848;BQB=0.953569;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,18,1  
) .385215;MQB=0.869429;MQSB=0.841905;BQB=0.953504;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=19,26,10  
) .219292;SGB=-0.686358;MQSB=0.995945;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,19,7,7;MQ=41  
) .212666;SGB=-0.686358;MQSB=0.995945;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,19,7,7;MQ=41  
) .0991683;SGB=-0.688148;MQSB=0.998085;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,17,7,8;MQ=41  
=0.800087;MQB=0.881134;MQSB=0.771753;BQB=0.970939;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,8,17  
) .115749;MQB=0.257114;MQSB=0.336289;BQB=0.598267;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=14,11,20  
) RPB=0.425394;MQB=0.276962;MQSB=0.35724;BQB=0.350341;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,  
) B=0.952557;MQB=2.43684e-13;MQSB=0.284788;BQB=0.730024;MQ0F=0.0357143;ICB=1;HOB=0.5;AC=1;AN=  
) B=0.816151;MQB=2.43684e-13;MQSB=0.357413;BQB=0.977198;MQ0F=0.0357143;ICB=1;HOB=0.5;AC=1;AN=  
) RPB=0.0401146;MQB=0.00259478;MQSB=0.795669;BQB=0.92949;MQ0F=0.0218978;ICB=1;HOB=0.5;AC=1;AN=  
) 56128;SGB=-0.693147;MQSB=0.251164;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36,55,48,21;MQ=38  
) B=0.173411;MQB=4.81083e-14;MQSB=0.0565635;BQB=0.311012;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=4  
) B=0.390601;MQB=4.01907e-14;MQSB=0.156136;BQB=0.753662;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=36  
) B=0.489925;MQB=1.10476e-14;MQSB=0.111359;BQB=0.472575;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=38  
) B=0.4938;MQB=9.14755e-12;MQSB=0.121499;BQB=0.969075;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=41,29  
) B=0.968356;MQB=3.48526e-07;MQSB=0.822947;BQB=0.362456;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=44  
) RPB=0.989334;MQB=2.77997e-08;MQSB=0.52073;BQB=0.578241;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=5  
) B=0.34515;MQB=0.0139138;MQSB=0.700446;BQB=0.711103;MQ0F=0.0140845;ICB=1;HOB=0.5;AC=1;AN=2;I  
) .96624;MQB=1;MQSB=1;BQB=0.183309;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=20,24,11,8;MQ=42  
) B=0.230318;MQB=0.961039;MQSB=0.96323;BQB=0.0616812;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=35,16  
=0.480438;MQB=0.0378289;MQSB=0.179082;BQB=0.333469;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=52,15,  
) B=0.444959;MQB=0.0768254;MQSB=0.121674;BQB=0.193519;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=51,1  
) B=0.458174;MQB=0.067568;MQSB=0.140016;BQB=0.755042;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=50,18  
=0.358578;MQB=0.944647;MQSB=0.940104;BQB=0.415579;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=30,11,1

) B=0.512464;MQB=1;MQSB=1;BQB=0.688034;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=29,38,17,22;MQ=42

) B=0.904837;MQB=0.986036;MQSB=0.989637;BQB=0.904837;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,18,  
) .985892;SGB=-0.692562;MQSB=0.159608;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=15,26,13,9;MQ=35  
) 24368e-14;SGB=-0.692976;MQSB=0.146594;MQ0F=0.0606061;ICB=1;HOB=0.5;AC=1;AN=2;DP4=1,6,6,20;MQ=

) .233349;MQB=1;MQSB=1;BQB=0.897636;MQ0F=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=16,12,31,12;MQ=42

=0.967598;MQB=0.953676;MQSB=0.996725;BQB=0.772414;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=31,13,9

0649e-45;SGB=-0.693143;MQSB=0.000945972;MQOF=0.0298507;ICB=1;HOB=0.5;AC=1;AN=2;DP4=27,2,32,6  
.13583e-39;SGB=-0.693146;MQSB=0.0064552;MQOF=0.0285714;ICB=1;HOB=0.5;AC=1;AN=2;DP4=25,2,36,7;M  
2845e-34;SGB=-0.693146;MQSB=0.019166;MQOF=0.021978;ICB=1;HOB=0.5;AC=1;AN=2;DP4=43,4,37,7;MQ=

'B=0.814982;MQB=1.91054e-05;MQSB=0.000216161;BQB=0.0884222;MQOF=0.0045045;ICB=1;HOB=0.5;AC=  
'B=0.56286;MQB=8.04521e-06;MQSB=0.000115844;BQB=0.168968;MQOF=0.0047619;ICB=1;HOB=0.5;AC=1;A  
3}=0.253518;MQB=7.37915e-06;MQSB=0.000110329;BQB=0.137112;MQOF=0.00510204;ICB=1;HOB=0.5;AC=1;

RPB=1.2682e-29;MQB=1.13109e-06;MQSB=3.63666e-07;BQB=0.352389;MQOF=0.0540541;ICB=1;HOB=0.5;AC  
RPB=3.80602e-40;MQB=7.64562e-15;MQSB=0.0954457;BQB=0.654004;MQOF=0.0514541;ICB=1;HOB=0.5;AC  
RPB=2.35059e-39;MQB=9.76133e-17;MQSB=0.567163;BQB=0.422147;MQOF=0.0513393;ICB=1;HOB=0.5;AC=

3}=0.00882069;MQB=0.634393;MQSB=0.00142977;BQB=0.564642;MQOF=0.0655738;AC=2;AN=2;DP4=6,1,18,:

3}=0.773824;MQB=0.00344742;MQSB=9.77893e-14;BQB=0.00872969;MQOF=0.00917431;ICB=1;HOB=0.5;AC=  
3}=0.766851;MQB=0.00344742;MQSB=1.38316e-13;BQB=0.100644;MQOF=0.00947867;ICB=1;HOB=0.5;AC=1;A  
3}=0.637526;MQB=0.00344742;MQSB=3.38132e-14;BQB=0.101418;MQOF=0.00956938;ICB=1;HOB=0.5;AC=1;A  
3}=0.237664;MQB=0.0152768;MQSB=3.93266e-13;BQB=0.0704957;MQOF=0.0101523;ICB=1;HOB=0.5;AC=1;A  
RPB=3.0383e-19;MQB=3.49629e-05;MQSB=1.01506e-10;BQB=0.709435;MQOF=0.0567686;ICB=1;HOB=0.5;AC  
RPB=4.75734e-20;MQB=1.18565e-05;MQSB=4.66066e-10;BQB=0.242783;MQOF=0.0567686;ICB=1;HOB=0.5;A  
RPB=3.08213e-27;MQB=9.86172e-09;MQSB=3.25119e-06;BQB=0.844611;MQOF=0.0562771;ICB=1;HOB=0.5;A

;RPB=0.70558;MQB=0.815945;MQSB=2.06565e-07;BQB=0.526441;MQOF=0.008;ICB=1;HOB=0.5;AC=1;AN=2;C

RPB=0.210561;MQB=0.942733;MQSB=2.56805e-07;BQB=0.955485;MQOF=0.00790514;ICB=1;HOB=0.5;AC=1;  
}=0.0572822;MQB=0.820187;MQSB=1.18688e-06;BQB=0.182657;MQOF=0.00793651;ICB=1;HOB=0.5;AC=1;A  
}=5.78902e-24;MQB=4.25425e-17;MQSB=2.38053e-10;BQB=0.116244;MQOF=0.032634;ICB=1;HOB=0.5;AC=1  
}=3.05057e-23;MQB=7.24467e-15;MQSB=1.56613e-08;BQB=0.9182;MQOF=0.0323326;ICB=1;HOB=0.5;AC=1;A  
}B=6.87157e-29;MQB=7.7462e-11;MQSB=5.8113e-05;BQB=0.936202;MQOF=0.037594;ICB=1;HOB=0.5;AC=1;A  
}B=2.73989e-25;MQB=8.8778e-09;MQSB=0.000393836;BQB=0.987771;MQOF=0.0395778;ICB=1;HOB=0.5;AC=  
;RPB=2.41932e-25;MQB=7.33917e-09;MQSB=0.00117283;BQB=0.902166;MQOF=0.0391645;ICB=1;HOB=0.5;A  
}PB=4.48098e-25;MQB=5.84634e-08;MQSB=0.00171493;BQB=0.193474;MQOF=0.0393701;ICB=1;HOB=0.5;AC

RPB=1.15445e-11;MQB=1.03502e-05;MQSB=8.48442e-05;BQB=0.511884;MQOF=0.070922;ICB=1;HOB=0.5;AC  
RPB=1.40516e-13;MQB=3.57031e-06;MQSB=8.84819e-05;BQB=0.0859475;MQOF=0.0704225;ICB=1;HOB=0.5;  
RPB=9.37121e-20;MQB=1.45398e-09;MQSB=0.00779869;BQB=0.512724;MQOF=0.0682594;ICB=1;HOB=0.5;A  
RPB=5.89279e-24;MQB=1.43061e-16;MQSB=0.937414;BQB=1;MQOF=0.0626959;ICB=1;HOB=0.5;AC=1;AN=2;  
RPB=6.87046e-22;MQB=7.00497e-10;MQSB=0.57793;BQB=0.953813;MQOF=0.0125786;ICB=1;HOB=0.5;AC=1  
RPB=1.28791e-13;MQB=5.60235e-06;MQSB=0.0105614;BQB=0.841233;MQOF=0.048913;ICB=1;HOB=0.5;AC=  
RPB=2.806e-14;MQB=1.74286e-07;MQSB=0.0210292;BQB=0.219803;MQOF=0.0481283;ICB=1;HOB=0.5;AC=1  
RPB=5.34699e-15;MQB=1.92935e-07;MQSB=0.0124784;BQB=0.489112;MQOF=0.0483871;ICB=1;HOB=0.5;AC  
RPB=3.19589e-17;MQB=3.52112e-08;MQSB=0.0525065;BQB=0.417451;MQOF=0.0531915;ICB=1;HOB=0.5;AC  
RPB=1.83202e-18;MQB=2.05811e-11;MQSB=0.999766;BQB=0.997065;MQOF=0.0487805;ICB=1;HOB=0.5;AC=

RPB=1.89975e-05;MQB=0.105226;MQSB=0.000712257;BQB=0.872667;MQOF=0.0789474;ICB=1;HOB=0.5;AC=

{PB=0.326167;MQB=0.968638;MQSB=0.00459209;BQB=0.371117;MQOF=0;AC=2;AN=2;DP4=7,4,85,56;MQ=3  
{PB=0.532645;MQB=0.970863;MQSB=0.00466631;BQB=0.242374;MQOF=0;AC=2;AN=2;DP4=6,4,84,57;MQ=3  
}B=0.0254658;MQB=0.991901;MQSB=0.00903726;BQB=0.361632;MQOF=0;AC=2;AN=2;DP4=15,4,83,60;MQ=3

=0.000233224;MQB=0.0150253;MQSB=0.000396292;BQB=0.910296;MQOF=0.0206186;AC=2;AN=2;DP4=8,4,2  
=0.000392645;MQB=0.00542378;MQSB=0.000410205;BQB=0.944779;MQOF=0.020202;AC=2;AN=2;DP4=9,3,2  
=0.00107439;MQB=0.0378043;MQSB=0.000113476;BQB=0.872687;MQOF=0.0210526;ICB=1;HOB=0.5;AC=1;A  
}=4.36243e-07;MQB=0.588187;MQSB=0.00211715;BQB=0.429796;MQOF=0.0183486;ICB=1;HOB=0.5;AC=1;A  
}=2.35358e-06;MQB=0.866786;MQSB=0.165271;BQB=0.258629;MQOF=0.00961538;ICB=1;HOB=0.5;AC=1;AN=

=0.00217276;MQB=0.148628;MQSB=0.0106662;BQB=0.142563;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=6,0  
=0.00217276;MQB=0.148628;MQSB=0.00465026;BQB=0.569462;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=6,1  
=0.00102615;MQB=0.175841;MQSB=0.000867485;BQB=0.982064;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=8  
=0.000123542;MQB=0.670674;MQSB=0.0200856;BQB=0.622369;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=14  
=0.000206752;MQB=0.679692;MQSB=0.19284;BQB=0.973745;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=21,2  
=0.228339;MQB=0.0202419;MQSB=0.183133;BQB=0.722875;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=1,4,23  
=0.207905;MQB=0.0202419;MQSB=0.183133;BQB=0.450898;MQOF=0;ICB=1;HOB=0.5;AC=1;AN=2;DP4=1,4,23

















































































=1;AN=2;DP4=41,0,20,35;MQ=26

C=1;AN=2;DP4=24,31,15,19;MQ=35





























=1;AN=2;DP4=48,18,59,7;MQ=38



















C=1;AN=2;DP4=92,6,89,119;MQ=27  
=1;AN=2;DP4=143,9,72,108;MQ=28  
1;AN=2;DP4=153,8,69,103;MQ=28

1;AN=2;DP4=32,48,13,62;MQ=29

C=1;AN=2;DP4=90,17,91,123;MQ=26  
AC=1;AN=2;DP4=93,17,91,123;MQ=26  
AC=1;AN=2;DP4=116,17,82,132;MQ=26

AN=2;DP4=42,25,184,114;MQ=37

;AN=2;DP4=60,103,133,32;MQ=31

=1;AN=2;DP4=32,61,162,27;MQ=29

\C=1;AN=2;DP4=33,60,158,27;MQ=29

Ċ=1;AN=2;DP4=35,57,165,23;MQ=29

Ċ=1;AN=2;DP4=45,7,69,71;MQ=26

;AC=1;AN=2;DP4=46,8,69,71;MQ=26

C=1;AN=2;DP4=62,9,67,72;MQ=27

=1;AN=2;DP4=37,6,45,43;MQ=27

=1;AN=2;DP4=46,6,46,42;MQ=27

=1;AN=2;DP4=18,1,27,33;MQ=25

