		99N	998	00N	00S	01N	<b>01</b> S	02N	<b>02S</b>	03N	035	04N	<b>04S</b>	05N	<b>05S</b>	06N	06S	07N	07S	08N	085	09N	098	10N	<b>10S</b>	11N	115	12N	125	13N	135	14N	145	15N	<b>15</b> S
НА	G5V*	0	0	0.828	0.284	0.264	0.152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	K92T*	0	0	0.828	0.284	0.264	0.152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	D271N*	0	0	0.824	0.284	0.264	0.152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Q33H*	0	0	0.808	0.284	0.092	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	R50G*	0	0	0	0.6	0.58	0.236	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	S199P*	0	0	0	0.6	0.58	0.236	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	P273S*	0	0	0.084	0.6	0.58	0.248	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	S247C*	0	0	0	0.58	0.58	0.236	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	A106V*	0	0	0	0	0.092	0.312	0.94	0.888	0.232	0.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	N144D*	0	0	0	0	0				0.108	0.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	S186G*	0	0.072	0	0	0.092		0.924			0.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	R50G	0	0	0.008	0.096	0.064		0.052				0.956	1	0.976	0.968	0.5	0.16	0.28	0.056	0.004	0	0	0	0	0.008	0	0	0	0	0	0	0	0	0	0
	E83K	0	0	0	0	0	0.048	0.044			0.98	1	1	1	0.992	0.96	1	1	0.972	0.82	0.944	1	1	1	1	1	0.992	0.976	0.984	0.996	0.984	0.988	0.976	0.98	0.996
	A131T	0	0	0	0	0	0		0.072		0.98	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.976		1	1		0.996	1	0.992
	S186G	0	0	0	0	0	0		0.112		0.98	1	1	1	1	1	1	0.988	1	0.972	1	0.984	1	1	1	1	1		0.976	0.992	0.992			1	1
	V202I	0	0	0	0	0	0.048		0.112		0.98	1	1	1	1	1	1	1	1	1	1	0.992	1	1	1	1	1	0.976	1	1	0.992			0.992	1
	W222R	0	0	0	0	0	0.048			0.768	0.98	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.976	1	1	1	0.996	0.996	1	1
	G225D	0	0	0.008	0.096	0.064	0.288			0.768	0.98	1	1	0.96	0.436	0.084	0	0.012	0	0	0	0	0	0	0.008	0	0	0	0	0	0	0	0 000	0	0
	L25I H75Q	0 0	0	0	0	0	0	0	0.048 0.048	0.744 0.744	0.98 0.98	1 0.988	0.936	0.992	0.952	0.996	1	1	0.992	0.984 1	1	1	0.992 0.992	0.744 0.964	0.992	0.984	1	0.972 0.976	0.992 1	1	0.992	0.984 0.988	0.996 0.996	1	0.98
	H155T	0	0	0	0	0	0	0	0.048	0.744	0.98	0.366	1	1	1	1	1	1	0.992	1	1	1	0.992	0.904	1	1	1	0.976	1	1	0.992	0.996	0.996	1	1
	Q156H	0	0	0	0	0	0	0	0.048	0.612	0.98	1	1	1	1	0.968	1	0.988	1	0.992	1	1	1	1	1	1	1		0.992	1	1	0.996	0.996	1	1
	N126D*	0	0	0	0	0	0	0	0	0.012		0.624	0.008	0.004	0	0.500	0	0.500	0	0.552	0	0	0	0	0	0	0	0.570	0.552	0	0	0.550	0.550	0	0
	Y105H*	0	0	0	0	0	0	0	0	0	0.68	0.008	0.000	0.001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Y159F	0	0	0	0	0	0	0	0	0			0.976	0.984	1	1	1	1	1	0.988	1	1	0.992	1	0.992	1	1	0.976	0.992	1	1	0.744	0.26	0.132	0.012
	S189N	0	0	0	0	0	0	0	0	0			0.976		1	1	1	1	1	1	1	0.96	0.188	0.024	0.008	0	0	0	0	0	0	0	0	0	0
	K145N	0	0	0	0	0	0	0	0	0	0		0.876		0.62	0.992	1	0.984	1	1	1	0.972	1	1	1	0.976	0.368	0.244	0.36	0.104	0.004	0	0	0	0
	S227P	0	0	0	0	0	0	0	0	0	0.132	0.2	0.764	0.94	1	1	1	1	1	1	1	1	1	1	1	1	1	0.976	1	1	1	0.996	0.996	1	1
	V226I	0	0	0	0	0	0	0	0	0	0	0	0.664	0.904	1	1	1	1	1	1	1	1	1	1	1	1	1	0.976	1	1	1	0.996	0.996	1	1
	S193F	0	0	0	0	0	0	0	0	0	0	0	0	0.04	0.564	0.916	1	0.988	1	1	1	1	1	1	0.992	1	1	0.976	1	1	1	0.988	0.988	1	1
	D225N	0	0	0	0	0	0	0	0	0	0	0	0	0.04	0.564	0.856	0.84	0.96	1	0.964	0.756	0.86	0.992	1	0.96	0.996	0.992	0.944	0.96	0.988	0.992	0.684	0.208	0.132	0.012
	G50E*	0	0	0	0	0	0	0	0	0	0	0	0	0.024	0.032	0.492	0.84	0.012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	G50E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.008	0	0.62	0.944	0.996	1	1	1	1	0.98	0.996	0.996	0.976	1	1	0.992	0.996	0.996	1	1

K140I	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.008	0	0.62	0.944	0.988	1	0.948	0.988	1	0.98	0.976	0.992	0.932	0.948	1	0.984	0.996	0.996	1	1
Q261R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.008	0	0.58	0.912	0.984	0.964	0.984	0.94	0.848	0.96	0.988	0.972	0.976	1	1	1	0.964	0.98	0.904	0.884
K173Q	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.044	0.524	0.816	0.948	1	1	0.992	1	1	0.956	1	1	1	0.996	0.996	1	1
E62K*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.052	0.7	0.576	0.052	0.044	0.004	0	0	0	0	0	0	0	0
K158N*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.052	0.7	0.576	0.052	0.044	0.004	0	0	0	0	0	0	0	0
N189K*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.04	0.7	0.576	0.052	0.044	0.004	0	0	0	0	0	0	0	0
N144K*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.04	0.696	0.576	0.052	0.044	0.004	0	0	0	0	0	0	0	0
V213A*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.008	0.564	0.128	0.016	0.032	0	0	0	0	0	0	0	0	0
P194L*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.008	0.56	0.128	0.016	0.032	0	0	0	0	0	0	0	0	0
K158N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.112	0.4	0.94	0.956	0.996	0.976	1	1	1	0.944	0.996	1	1
N189K	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.112	0.4	0.94	0.956	0.996	0.976	1	1	1	0.996	0.996	1	1
T212A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.112	0.356	0.86	0.596	0.936	0.832	0.784	0.964	1	0.996	0.996	1	1
N45S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.112	0.4	0.852	8.0	0.876	0.732	0.504	0.104	0.016	0	0.008	0	0
D53N*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.132	0.352	0.668	0.356	0.236	0.348	0.096	0.004	0	0	0	0
1230V*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.092	0.352	0.668	0.356	0.236	0.328	0.096	0.004	0	0	0	0
Y94H*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.044	0.352	0.664	0.356	0.236	0.348	0.096	0.004	0	0	0	0
E280A*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.144	0.344	0.62	0.356	0.236	0.348	0.096	0.004	0	0	0	0
N312S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.012	0.204	0.48	0.152	0.64	0.672	0.6	0.884	0.98	0.988	0.988	1	1
V223I	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.016	0.632	0.732	0.632	0.896	0.996	0.996	0.996	1	1
A198S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.02	0.624	0.672	0.608	0.884	0.988	0.988	0.988	0.988	0.992
N145S*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.004	0.572	0.556	0.292	0.012	0.012	0	0.008	0	0
S45N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.008	0.02	0.164	0.348	0.884	0.984	0.996	0.98	1	1
T48I	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.02	0.164	0.348	0.884	0.984	0.996	0.988	1	1
N278K	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.008	0.028	0.164	0.348	0.884	0.996	0.936	0.996	1	1
S157L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.02	0.164							
N145S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.004		0.836			0.972		0.992
Q33R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.02			0.808					1
N53D*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					0.596		0.176	
T128A*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.004		0.344	0.7		0.44		0.02
R142G*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.004	0.02	0.344	0.7		0.448		
N225D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.18		0.816	
Q311H	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0.512		
L3I	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0.488		
N144S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0.492		
F159Y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0.42		
K160T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.164	0.42	0.772	0.928