

Figure 1-figure supplement 2 – Kiel *et al.*

		Amino acid mutation																			
Position in hydrophobic pocket region		A	C	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	W	Y
	V487	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	F468	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
	L485	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
	L525	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	A497	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F498	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	L597	0	0	0	0	0	0	0	0	0	0	0	0	1	12	18	13	0	10	0	0
	A598	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0
	T599	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
	V600	12	0	18	35066	0	12	0	0	471	9	25	0	0	0	73	0	0	0	0	0
	K601	0	0	0	121	0	0	0	1	0	0	0	18	0	0	1	0	0	0	0	0
	S602	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	R603	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	W604	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0