Table S3: Conserved S/R polymorphisms within the TEP1 thioester domain (TED)

Res ID	TEP1*R	TEP1*S	Location	Hum C3	Comment
844	T	M	α0	Q967	
851	H	N		K979	
854	G	A		V983	
878	H	Y	α2-3 loop	D1007	
880	I	T		T1009	
914	L	V	pre-α4 loop	A1046	L914V complements Y950W
917	T	K		K1049	
918	T	S		R1050	
919	N	G		A1051	*R1*/r^B specific (G in *R2*/r^A)
920	T	S		A1072	
929	G	A	α4 (buried)	V1061	
936	V	S	α4-5 loop	V1068	*R1*/r^B specific (A in *R2*/r^A)
939	I	M		I1071	
940	S	N		A1072	
960	F	S	post-α5 loop	P1092	TEP1R-sTED2 reversion
966	K	E	catalytic loop	E1098	Glu H-bonds to S921 O$_\gamma$, F923 N
967	A	T		D1099	
969	A	K		P1101	
970	E	V		V1102	
971	Y	W		I1103	Tyr H-bonds to S921 Oγ
974	E	D	pre-α6 loop	E1106	
991	M	L	α6 (buried)	I1127	
1001	A	V	α6-7 loop (helix)		C3 insertion 1133-42
1005	E	V	α7 face	G1145	TEP1R-sTED2 reversion
1009	K	N		K1149	TEP1R-sTED2 reversion
1012	T	N		D1152	TEP1R-sTED2 reversion
1018	F	L	α7-8 loop	Y1158	
1019	G	A		M1159	
1020	S	F		N1160	
1042	E	K	α9 face	G1182	
1046	N	D		N1186	
1054	F	I	β-hairpin loop	K1193	
1055	I	S			
1057	A	N			
1058	D	N			
1060	N	K			
1063	F	Y		R1197	
1065	N	G		E1199	
1069	P	Q		N1207	
1087	T	L	α10-11 loop	D1225	
1108	S	R	α11-12 loop	S1246	Arg H-bonds to Y1307 O
1122	M	L	α12 (buried)	Y1260	