

TesA	TAP (PDB ID: 1U8U)	EstA (PDB ID: 3KVN)
8-DSI-10	9-DSL-11	13-DSL-15
-	-	34-F (<i>14-L</i>) [*]
-	43-SG-44 (<i>45-SG-46</i>) [*]	91-GG-92 (<i>45-SG-46</i>) [*]
74-GN-75	72-GN-73	146-GN-147
78-L	76-LR-77 (<i>78-LR-79</i>) [*]	150-L
-	-	185-W
109-IQLPP-113	107-IRLP-110	187-LPDL-190
-	113-Y (<i>115-Y</i>) [*]	-
-	139-F (<i>141-F</i>) [*]	-
143-L	141-M	-
147-GG-148	145-Y	-
153-M	-	-
157-GIH-159	155-GIH-157	-
-	-	192-LT-193
-	-	232-I
-	-	235-LL-236
-	-	239-GM-240
-	-	246-F
-	-	248-L
-	-	283-LF-284
-	-	288-VHP-290
-	-	294-G
-	-	297-LI-298

^{*}Residues in italics in parentheses are structural equivalents in TesA, which do not participate in the channel lining