am19	Lys141→ Met	AAG ⟶ ATG inferred	Strongly stabilized in inactive form
am19R24	Lys141 → Met and Gln393 → Arg	CAG ⟶ CGG inferred	More easily activated activation accompanied by normalisation of charge
am122	Arg386 — Cys (inferred)	CGC — TGC (probably)	Strongly stabilized in inactive conformation
am130	Pro75 → Ser	CCC ⟶ TCC inferred	Stabilized in inactive form
am131	Gly183 → Asp (inferred)	GGC ⟶ GAC	Weakly stabilized in inactive form
am143	Gly114 — Asp (inferred)	GGT → GAT	Inactive
am+H	No change	CTC ⟶ CTT (codon237)	Wild type
am+S	Asp448 → Asn	GAC ⟶ AAC*	Heat sensitive

References:

am1, am2, am3, am7, am19, am19R24 Brett et al. (1976) J.Mol.Biol. 106: 1
am4 Kinnaird unpubl.
am6 Siddig et al. (1980) J,Mol.Biol. 137: 125
am8 Kinnaird et al. (1991) Submitted to Curr. Genet.
am9 Fincham unpubl.
am14 Fincham & Baron (1977) J,Mol.Biol. 110: 627
am15 Burns et al.(1986) Genetics 113: 45
am17 and revertants Seale et al. (1977) Genetics 86: 261
am122 Fincham unpubl.
am130 Kinsey et al. (1980) Genetics 95: 305
am131 Fincham unpubl.
am143 C. Murray, unpubl. Edinburgh B.Sc. project with Kinnaird
am+H, am+S Fincham (1990) Curr. Genet. 18: 441 and unpubl. (* looks OK but done only once)

UV-induced, probably, except am4, β-propiolactone, and am14, 15, 17, 17RN35, 19, HNO2.

Among primary mutants:

Transitions:	A/T ⟶ G/C	1
	G/C ⟶ A/T	6 + 2 RIP
Transversions:	A/T ⟶ T/A	2
	G/C ⟶ C/G	1
Two-bp change	TA/AT ⟶ GT/CA	1
Frameshifts:	Minus 1	2
	Complex CAT/GTA — TA/AT	1