

Supplemental Table S1.

Cosine distances between signatures from COSMIC database and mutational spectra observed in samples with mutated pol epsilon. Signatures with cosine distance more than 0.7 even for one comparison are shown. Cosine distances more than 0.7 are shown in bold.

Signature	MSS pol epsilon mutated	MSI pol epsilon mutated	bMMRD pol epsilon mutated
Signature 1	0.21	0.67	0.80
Signature 6	0.17	0.87	0.84
Signature 10	0.92	0.35	0.55
Signature 14	0.33	0.97	0.74
Signature 15	0.18	0.81	0.79
Signature 20	0.16	0.73	0.41