

Supplementary Table 1

mutation pattern	full model	independent model
L	1	3
M	(96)	(6, 4, 4)
ApCpA \rightarrow ApCpA	(1)	(1, 1, 1)
ApCpC \rightarrow ApApC	(2)	(1, 1, 2)
ApCpG \rightarrow ApApG	(3)	(1, 1, 3)
ApCpT \rightarrow ApApT	(4)	(1, 1, 4)
CpCpA \rightarrow CpApA	(5)	(1, 2, 1)
...
ApCpA \rightarrow ApGpA	(17)	(2, 1, 1)
...
TpTpT \rightarrow TpGpT	(96)	(6, 4, 4)