Additional file 2: Table S2 20 mutation subtypes that were included in the statistical modeling of hotspot mutation definition

## Mutation\_subtype

Missense A/T transition Missense A/T transversion Missense non-CpG C/G transition Missense non-CpG C/G transversion Missense CpG C/G transition Missense CpG C/G transversion Nonsense A/T transition Nonsense A/T transversion Nonsense non-CpG C/G transition Nonsense non-CpG C/G transversion Nonsense CpG C/G transition Nonsense CpG C/G transversion Silent A/T transition Silent A/T transversion Silent non-CpG C/G transition Silent non-CpG C/G transversion Silent CpG C/G transition Silent CpG C/G transversion Insertion Deletion