

Location	Mutation Type	Variant Frequency	Indel Size	Detected by VarScan 2	Detected by MuTect 2	Detected by MuTect 1
chrX:11,340,917	Deletion	0.044	15	No	No*	N/A
chrI:4,268,416	Deletion	0.055	35	No	Yes	N/A
chrX:4,216,876	Deletion	0.059	1	Yes	Yes	N/A
chrV:14,916,563	Deletion	0.062	7	Yes	Yes	N/A
chrX:9,742,614	Deletion	0.063	14	No	Yes	N/A
chrX:7,661,279	Deletion	0.064	13	No	Yes	N/A
chrV:6,684,796	Deletion	0.081	2	No [‡]	No*	N/A
chrIV:9,881,289	Deletion	0.127	8	No	Yes	N/A
chrV:16,135,541	Deletion	0.133	7	No	Yes	N/A
chrV:19,644,123	Deletion	0.151	1	No [‡]	Yes	N/A
chrII:2,096,123	Deletion	0.435	5	No	Yes	N/A
chrIV:14,755,179	Deletion	0.546	7	No	Yes	N/A
chrIII:5,837,403	Substitution	0.075	N/A	Yes	Yes	Yes
chrX:6,980,975	Substitution	0.088	N/A	Yes	No*	Yes
chrV:3,319,810	Substitution	0.092	N/A	Yes	No*	No**
chrX:10,649,898	Substitution	0.170	N/A	No ^{‡‡}	Yes	No**
chrIV:2,269,013	Substitution	0.290	N/A	No	Yes	No**#

Supplemental Table S13. Detail of Mutinack mutation scoring by VarScan 2, MuTect 2 and MuTect 1.

Specific reasons shown for absence of detection are shown when provided by the program; ‡: "strandedness"; ‡‡: vardist3 "minimum average relative distance to effective 3' end"; *: "clustered event"; **: "clustered read position".