

Indel Caller Benchmark Test

Indel Count:

	Total Indels from initial VCF	Total Indels After Primary Filtering	Total Indels After Secondary Filtering	Real Indels	% Real Indels
Pindel	638	4	2	2	100%
Mutect2	10091	2589	1418	2	0.14%



*Indels removed
with Filter 1
Pindel: 634
Mutect2: 7502*

*Indels removed
with Filter 2
Pindel: 2
Mutect2: 1171*

Filter 1:

- a. Removes indels found in normal*
- b. Removes indels with mutant reads in normal > 0, is an ONP (Other Nucleotide Polymorphisms) AND has either sample mutant reads <1, OR is not a single-base indel*

Filter 2:

- a. Removes indels with sample mutant reads ≤ 4*
- b. Removes indels with coverage $\leq 10X$*