

Raw input from which to build a consensus

Center	Total # variants	dbSNP% (129)	# novels	Novel ti/tv	Omni poly sensitivity	Omni mono false discovery
Broad	36.59M	22.71%	28.28M	2.167	96.51% 2.04M / 2.12M	5.45% 3,253 / 59,721
Sanger	34.81M	22.88%	26.84M	2.176	96.13% 2.04M / 2.12M	4.94% 2,948 / 59,721
UMich	34.52M	24.36%	26.11M	2.161	98.03% 2.08M / 2.12M	2.77% 1,655 / 59,721
Baylor	34.14M	21.79%	26.70M	2.131	93.77% 1.99M / 2.12M	1.43% 856 / 59,721
BC	33.32M	23.89%	25.36M	2.098	94.86% 2.01M / 2.12M	9.72% 5,808 / 59,721
NCBI	30.69M	25.67%	22.81M	2.329	94.60% 2.00M / 2.12M	10.47% 6,254 / 59,721

Callsets vary greatly in their size and QC metrics.

VQSR consensus out performs previous merging strategy

Called In	Total # variants	dbSNP% (129)	# novels	Novel ti/tv	Omni poly sensitivity	Omni mono false discovery
Union	46.26M	19.39%	37.29M	1.998	98.94% 2.09M / 2.12M	16.31% 9,739 / 59,721
2 of 6	39.11M	22.24%	30.41M	2.153	98.55% 2.09M / 2.12M	11.23% 6,707 / 59,721
3 of 6	35.69M	23.62%	27.26M	2.219	98.09% 2.08M / 2.12M	3.66% 2,184 / 59,721
4 of 6	32.55M	24.82%	24.48M	2.263	97.39% 2.06M / 2.12M	1.82% 1,085 / 59,721
5 of 6	28.45M	26.72%	20.85M	2.286	95.93% 2.03M / 2.12M	1.06% 634 / 59,721
Intersection	24.02M	27.57%	17.40M	2.317	89.23% 1.89M / 2.12M	0.76% 457 / 59,721
VQSR Project Consensus	38.88M	21.92%	30.36M	2.154	98.41% 2.08M / 2.12M	2.11% 1,261 / 59,721