Dec5.2019.compare.4HA.pptx

Block Disagreement

Compare by # of blocks	Peath	HapCut2	MixSIH	whatshap
Peath (31355 blocks)	0	1012/31355 (3.23%)	961/31355 (2.07%)	2039/31355(6.5%)
HapCut2 (32252 blocks)	642/32252 (1.99%)	0	892/32252 (2.77%)	2096/32252 (6.5%)
MixSIH (32252 blocks)	666/32252 (2.06%)	892/32252 (2.77%)	0	1965/32252(6.1%)
whatshap (10133 blocks)	6326/10133 (62.4%)	6354 /10133(62.7%)	6344/10133 (62.6%)	0

SNV Disagreement

Compare by # of SNVs	Peath	HapCut2	MixSIH	whathap
Peath (115813 SNV, 0 "-")	0	12921//115813 (11.16%)	13578//115813 (11.72%)	19281/115813 (16.6%)
HapCut2 (115813 SNV, 596 "-")	8679/115813 (0.75%)	0	11288//115813 (9.75%)	17977/115813(15.5%)
MixSIH (115813 SNV, 21 '-")	10243/115813 (8.84%)	11288//115813 (9.75%)	0	17570/115813(15.2%)
whatshap (178524 SNV)	165579 /178524(92.7%)	165570 /178524(92.7%)	165630/178524(92.8%)	0

mixSIH has 21 "-" SNV. Compared with HapCUT2, mixSIH has less "-".
HapCut2 has 596 "-" SNV
peath has no "-" SNV