

Testiranje spajanja body dijela

Mogući scenariji su:

1. Različite mutacije na istom hromozomu na istoj poziciji.

	Fajl 1	Fajl 2	Combined
CHROM	1	1	1
POS	14653	14653	14653
ID	.	.	.
REF	C	C	C
ALT	T	A	A, T
QUAL	.	.	.
FILTER	PASS	PASS	PASS
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU
NORMAL	36:0:0:0:0,0:34,54:0,0:2, 4	36:0:0:0:0,0:34,54:0,0:2, 4	36:0:0:0:0,0:34,54:0,0:2, 4
TUMOR	25:2:0:0:0,0:13,39:0,0:10 ,14	25:2:0:0:0,0:13,39:0,0:10 ,14	25:2:0:0:0,0:13,39:0,0:10 ,14

2. Sve isto, a različiti ID-jevi.

2.1. ID u drugom fajlu je u potpunosti jedinstven za sve ID u oba fajla

	Fajl 1	Fajl 2	Combined
CHROM	1	1	1
POS	14653	14653	14653
ID	.	SNP1-52418888	SNP1-52418888
REF	C	C	C
ALT	T	T	T
QUAL	.	.	.
FILTER	PASS	PASS	PASS
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU
NORMAL	36:0:0:0:0,0:34,54:0,0:2, 4	36:0:0:0:0,0:34,54:0,0:2, 4	36:0:0:0:0,0:34,54:0,0:2, 4
TUMOR	25:2:0:0:0,0:13,39:0,0:10 ,14	25:2:0:0:0,0:13,39:0,0:10 ,14	25:2:0:0:0,0:13,39:0,0:10 ,14

2.2. Različiti ID koji ne postoje ni u jednom fajlu na drugom mjestu

	Fajl 1	Fajl 2	Combined
CHROM	1	1	1
POS	14653	14653	14653
ID	rs48888888	SNP1-52418888	rs48888888,SNP1-52418888
REF	C	C	C
ALT	T	T	T
QUAL	.	.	.
FILTER	PASS	PASS	PASS
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT:DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT:DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT:DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU
NORMAL	36:0:0:0:0,0:34,54:0:0:2, 4	36:0:0:0:0,0:34,54:0:0:2, 4	36:0:0:0:0,0:34,54:0:0:2, 4
TUMOR	25:2:0:0:0,0:13,39:0:0:10 ,14	25:2:0:0:0,0:13,39:0:0:10 ,14	25:2:0:0:0,0:13,39:0:0:10 ,14

2.3. Različiti ID od kojih oba postoje na drugom mjestu u po jednom fajlu

	Fajl 1	Fajl 2	Combined
CHROM	1	1	1
POS	14653	14653	14653
ID	rs4000335	SNP1-524110	rs48888888,SNP1-52418888
REF	C	C	C
ALT	T	T	T
QUAL	.	.	.
FILTER	PASS	PASS	PASS
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT:DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT:DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT:DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU
NORMAL	36:0:0:0:0,0:34,54:0:0:2, 4	36:0:0:0:0,0:34,54:0:0:2, 4	36:0:0:0:0,0:34,54:0:0:2, 4
TUMOR	25:2:0:0:0,0:13,39:0:0:10 ,14	25:2:0:0:0,0:13,39:0:0:10 ,14	25:2:0:0:0,0:13,39:0:0:10 ,14

3. Poklapanje ID u istom fajlu na različitim pozicijama u istom hromozomu.

	Fajl 1	Fajl 1	Combined
CHROM	1	1	

POS	972251	12257045	
ID	12	12	Zadržani ID i jedan i drugi, na oba mjesta.
REF	A	T	
ALT	C	G	
QUAL	.	.	
FILTER	LowEVS	LowEVS	
INFO	SOMATIC;QSS=5;TQSS=1;NT=ref;QSS_NT=5;TQSS_NT=1;SGT=AA->AC;DP=86;MQ=60.00;MQ0=0;ReadPosRankSum=-1.55;SNVSB=5.04;SomaticEVS=0.06	SOMATIC;QSS=13;TQSS=1;NT=ref;QSS_NT=13;TQSS_NT=1;SGT=TT->GT;DP=188;MQ=60.00;MQ0=0;ReadPosRankSum=4.84;SNVSB=20.88;SomaticEVS=0.34	
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	
NORMAL	39:5:0:0:27,27:7,12:0,0:0,0	85:3:0:0:0,0:0,1:24,25:58,60	
TUMOR	46:5:0:0:35,36:6,10:0,1:0,0	101:5:0:0:0,0:0,0:33,38:63,64	

4. Poklapanje ID u istom fajlu na različitim pozicijama u različitim hromozomima.
Šta sve može da bude ID?

	Fajl 1	Fajl 1	Combined
CHROM	1	X	
POS	972251	67711424	
ID	12	12	Zadržani ID i jedan i drugi, na oba mjesta.
REF	A	T	
ALT	C	A	
QUAL	.	.	
FILTER	LowEVS	LowEVS	
INFO	SOMATIC;QSS=5;TQSS=1;NT=ref;QSS_NT=5;TQSS_NT=1;SGT=AA->AC;DP=86;MQ=60.00;MQ0=0;ReadPosRankSum=-1.55;SNVSB=5.04;SomaticEVS=0.06	SOMATIC;QSS=6;TQSS=1;NT=ref;QSS_NT=6;TQSS_NT=1;SGT=TT->AT;DP=24;MQ=60.00;MQ0=0;ReadPosRankSum=0.64;SNVSB=0.00;SomaticEVS=1.02	
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	
NORMAL	39:5:0:0:27,27:7,12:0,0:0,0,0	10:0:0:0:0,0:0,0:0,10,10	
TUMOR	46:5:0:0:35,36:6,10:0,1:0,0	14:0:0:0:2,2:0,0:0,12,12	

5. Različite referentne baze na istoj poziciji na istom hromozomu, sve ostalo isto.

	Fajl 1	Fajl 2	Combined
CHROM	1	1	ERROR
POS	14653	14653	

ID	.	.
REF	C	A
ALT	T	T
QUAL	.	.
FILTER	PASS	PASS
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU
NORMAL	36:0:0:0:0,0:34,54:0,0:2, 4	36:0:0:0:0,0:34,54:0,0:2, 4
TUMOR	25:2:0:0:0,0:13,39:0,0:10 ,14	25:2:0:0:0,0:13,39:0,0:10 ,14

6. Različite referentne baze na istoj poziciji na istom hromozomu, a isti ALT (staviti jednom i * za ALT).

6.1. * za oba ALT

	Fajl 1	Fajl 2	Combined
CHROM	1	1	ERROR
POS	14653	14653	
ID	.	.	
REF	C	A	
ALT	*	*	
QUAL	.	.	
FILTER	PASS	PASS	
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	
NORMAL	36:0:0:0:0,0:34,54:0,0:2, 4	36:0:0:0:0,0:34,54:0,0:2, 4	
TUMOR	25:2:0:0:0,0:13,39:0,0:10 ,14	25:2:0:0:0,0:13,39:0,0:10 ,14	

6.2. * za jedan ALT, a za drugi baza koje se ne pojavljuje ni u jednom fajlu kao REF

	Fajl 1	Fajl 2	Combined
CHROM	1	1	ERROR
POS	14653	14653	
ID	.	.	
REF	C	A	
ALT	T	T	
QUAL	.	.	
FILTER	PASS	PASS	

INFO	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	
NORMAL	36:0:0:0:0,0:34,54:0,0:2, 4	36:0:0:0:0,0:34,54:0,0:2, 4	
TUMOR	25:2:0:0:0,0:13,39:0,0:10 ,14	25:2:0:0:0,0:13,39:0,0:10 ,14	

7. Različite referentne baze na istoj poziciji na istom hromozomu, a različit ALT (staviti neku bazu i * za ALT).

7.1. * za jedan ALT, a za drugi baza koje se ne pojavljuje ni u jednom fajlu kao REF

	Fajl 1	Fajl 2	Combined
CHROM	1	1	ERROR
POS	14653	14653	
ID	.	.	
REF	C	A	
ALT	*	T	
QUAL	.	.	
FILTER	PASS	PASS	
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	
NORMAL	36:0:0:0:0,0:34,54:0,0:2, 4	36:0:0:0:0,0:34,54:0,0:2, 4	
TUMOR	25:2:0:0:0,0:13,39:0,0:10 ,14	25:2:0:0:0,0:13,39:0,0:10 ,14	

7.2. * za jedan ALT, a za drugi baza koje se pojavljuje kao REF u drugom fajlu

	Fajl 1	Fajl 2	Combined
CHROM	1	1	ERROR
POS	14653	14653	
ID	.	.	
REF	C	A	
ALT	*	C	
QUAL	.	.	
FILTER	PASS	PASS	

INFO	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	
NORMAL	36:0:0:0:0,0:34,54:0,0:2, 4	36:0:0:0:0,0:34,54:0,0:2, 4	
TUMOR	25:2:0:0:0,0:13,39:0,0:10 ,14	25:2:0:0:0,0:13,39:0,0:10 ,14	

7.3. * za oba ALT

	Fajl 1	Fajl 2	Combined
CHROM	1	1	ERROR
POS	14653	14653	
ID	.	.	
REF	C	A	
ALT	*	*	
QUAL	.	.	
FILTER	PASS	PASS	
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	
NORMAL	36:0:0:0:0,0:34,54:0,0:2, 4	36:0:0:0:0,0:34,54:0,0:2, 4	
TUMOR	25:2:0:0:0,0:13,39:0,0:10 ,14	25:2:0:0:0,0:13,39:0,0:10 ,14	

8. Različite referente baze, a FILTER neka kombinacija od dva od dva dole navedena.

8.1. * za oba ALT, a FILTER LowEVS i PASS

	Fajl 1	Fajl 2	Combined
CHROM	1	1	ERROR
POS	14653	14653	
ID	.	.	
REF	C	A	
ALT	*	*	
QUAL	.	.	
FILTER	LowEVS	PASS	
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	

FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	
NORMAL	36:0:0:0:0,0:34,54:0,0:2, 4	36:0:0:0:0,0:34,54:0,0:2, 4	
TUMOR	25:2:0:0:0,0:13,39:0,0:10 ,14	25:2:0:0:0,0:13,39:0,0:10 ,14	

8.2. * za oba ALT, a FILTER LowEVS i NOT_POLY_IN_1000G

	Fajl 1	Fajl 2	Combined
CHROM	1	1	ERROR
POS	14653	14653	
ID	.	.	
REF	C	A	
ALT	*	*	
QUAL	.	.	
FILTER	LowEVS	NOT_POLY_IN_1000G	
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	
NORMAL	36:0:0:0:0,0:34,54:0,0:2, 4	36:0:0:0:0,0:34,54:0,0:2, 4	
TUMOR	25:2:0:0:0,0:13,39:0,0:10 ,14	25:2:0:0:0,0:13,39:0,0:10 ,14	

8.3. različite baze za ALT, a FILTER LowEVS i NOT_POLY_IN_1000G

	Fajl 1	Fajl 2	Combined
CHROM	1	1	ERROR
POS	14653	14653	
ID	.	.	
REF	C	A	
ALT	T	G	
QUAL	.	.	
FILTER	LowEVS	NOT_POLY_IN_1000G	
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref ;QSS_NT=54;TQSS_NT=1;SGT=CC - >CT;DP=111;MQ=17.91;MQ0=38;Re adPosRankSum=- 1.67;SNVSB=0.00;SomaticEVS=8.67	
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	
NORMAL	36:0:0:0:0,0:34,54:0,0:2, 4	36:0:0:0:0,0:34,54:0,0:2, 4	
TUMOR	25:2:0:0:0,0:13,39:0,0:10 ,14	25:2:0:0:0,0:13,39:0,0:10 ,14	

8.4. različite baze za ALT, u jednom fajlu je ALT ona koja je ref u drugom, a FILTER LowEVS i NOT_POLY_IN_1000G

	Fajl 1	Fajl 2	Combined
CHROM	1	1	ERROR
POS	14653	14653	
ID	.	.	
REF	C	A	
ALT	T	C	
QUAL	.	.	
FILTER	LowEVS	NOT_POLY_IN_1000G	
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	
NORMAL	36:0:0:0:0,0:34,54:0:0:2, 4	36:0:0:0:0,0:34,54:0:0:2, 4	
TUMOR	25:2:0:0:0,0:13,39:0:0:10 ,14	25:2:0:0:0,0:13,39:0:0:10 ,14	

9. Iste referentne baze, a FILTER neka kombinacija od dva dole navedena.

9.1. Iste REF baze, a FILTER LowEVS i NOT_POLY_IN_1000G

	Fajl 1	Fajl 2	Combined
CHROM	1	1	ERROR
POS	14653	14653	
ID	.	.	
REF	C	C	
ALT	T	A	
QUAL	.	.	
FILTER	LowEVS	NOT_POLY_IN_1000G	
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	
NORMAL	36:0:0:0:0,0:34,54:0:0:2, 4	36:0:0:0:0,0:34,54:0:0:2, 4	
TUMOR	25:2:0:0:0,0:13,39:0:0:10 ,14	25:2:0:0:0,0:13,39:0:0:10 ,14	

9.2. Iste REF baze, a FILTER LowEVS i id5

	Fajl 1	Fajl 2	Combined
CHROM	1	1	ERROR

POS	14653	14653	
ID	.	.	
REF	C	C	
ALT	T	A	
QUAL	.	.	
FILTER	LowEVS	id5	
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	
NORMAL	36:0:0:0:0,0:34,54:0,0:2,4	36:0:0:0:0,0:34,54:0,0:2,4	
TUMOR	25:2:0:0:0,0:13,39:0,0:10,14	25:2:0:0:0,0:13,39:0,0:10,14	

9.3. Iste REF baze, a FILTER LowEVS i PASS

	Fajl 1	Fajl 2	Combined
CHROM	1	1	1
POS	14653	14653	14653
ID	.	.	.
REF	C	C	C
ALT	T	A	T,A
QUAL	.	.	.
FILTER	LowEVS	PASS	PASS
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	AC=0,0;AF=0.00,0.00;AN=0;DP=222;MQ=17.91;MQ0=38;NT=ref;QSS=54;QSS_NT=54;ReadPosRankSum=-1.67;SGT=CC- >CT;SNVSB=0.00;SOMATIC;SomaticEVS=8.67;TQSS=1;TQSS_NT=1;set=filterInvariant-variant2
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	AU:CU:DP:FDP:GU:SDP:SUBDP:TU
NORMAL	36:0:0:0:0,0:34,54:0,0:2,4	36:0:0:0:0,0:34,54:0,0:2,4	0,0:34,54:36:0:0,0:0:0:2,4
TUMOR	25:2:0:0:0,0:13,39:0,0:10,14	25:2:0:0:0,0:13,39:0,0:10,14	0,0:13,39:25:2:0,0:0:0:10,14

9.4. Iste REF baze, a FILTER NOT_POLY_IN_1000G i PASS

	Fajl 1	Fajl 2	Combined
CHROM	1	1	1
POS	14653	14653	14653
ID	.	.	.
REF	C	C	C
ALT	T	A	T,A
QUAL	.	.	.
FILTER	NOT_POLY_IN_1000G	PASS	PASS

INFO	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	AC=0,0;AF=0.00,0.00;AN=0;DP=222;MQ=17.91;MQ0=38;NT=ref;QSS=54;QSS_NT=54;ReadPosRankSum=-1.67;SGT=CC- >CT;SNVSB=0.00;SOMATIC;SomaticEVS=8.67;TQSS=1;TQSS_NT=1;set=filterInvariant-variant2
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	AU:CU:DP:FDP:GU:SD P:SUBDP:TU
NORMAL	36:0:0:0:0,0:34,54:0,0:2,4	36:0:0:0:0,0:34,54:0,0:2,4	0,0:34,54:36:0:0,0:0:2,4
TUMOR	25:2:0:0:0,0:13,39:0,0:10,14	25:2:0:0:0,0:13,39:0,0:10,14	0,0:13,39:25:2:0,0:0:0:10,14

9.5. Iste REF baze, a FILTER id5 i PASS

	Fajl 1	Fajl 2	Combined
CHROM	1	1	1
POS	14653	14653	14653
ID	.	.	.
REF	C	C	C
ALT	T	A	A,T
QUAL	.	.	.
FILTER	id5	PASS	PASS
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	AC=0,0;AF=0.00,0.00;AN=0;DP=222;MQ=17.91;MQ0=38;NT=ref;QSS=54;QSS_NT=54;ReadPosRankSum=-1.67;SGT=CC- >CT;SNVSB=0.00;SOMATIC;SomaticEVS=8.67;TQSS=1;TQSS_NT=1;set=variant-filterInvariant2
FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	AU:CU:DP:FDP:GU:SD P:SUBDP:TU
NORMAL	36:0:0:0:0,0:34,54:0,0:2,4	36:0:0:0:0,0:34,54:0,0:2,4	0,0:34,54:36:0:0,0:0:2,4
TUMOR	25:2:0:0:0,0:13,39:0,0:10,14	25:2:0:0:0,0:13,39:0,0:10,14	0,0:13,39:25:2:0,0:0:0:10,14

9.6. Iste REF baze, a FILTER id5 i NOT_POLY_IN_1000G

	Fajl 1	Fajl 2	Combined
CHROM	1	1	ERROR
POS	14653	14653	
ID	.	.	
REF	C	C	
ALT	T	A	
QUAL	.	.	
FILTER	id5	NOT_POLY_IN_1000G	
INFO	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	SOMATIC;QSS=54;TQSS=1;NT=ref;QSS_NT=54;TQSS_NT=1;SGT=CC- >CT;DP=111;MQ=17.91;MQ0=38;ReadPosRankSum=-1.67;SNVSB=0.00;SomaticEVS=8.67	

FORMAT	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	DP:FDP:SDP:SUBDP:A U:CU:GU:TU	
NORMAL	36:0:0:0:0,0:34,54:0,0:2, 4	36:0:0:0:0,0:34,54:0,0:2, 4	
TUMOR	25:2:0:0:0,0:13,39:0,0:10 ,14	25:2:0:0:0,0:13,39:0,0:10 ,14	

10. Isti REF i ALT dio.

10.1. Iste REF i ALT baze u jednom fajlu, a u drugom fajlu toga nema.

	Fajl 1	Fajl 2	Combined
CHROM	1		ERROR
POS	13782253		
ID	.		
REF	C		
ALT	C		
QUAL	.		
FILTER	LowEVS		
INFO	SOMATIC;QSI=10;TQSI=1;NT=ref; QSI_NT=10;TQSI_NT=1;SGT=ref- >het;MQ=60.00;MQ0=0;RU=A;RC= 9;IC=8;IHP=9;SomaticEVS=0.37		
FORMAT	DP:DP2:TAR:TIR:TOR: DP50:FDP50:SUBDP50: BCN50		
NORMAL	197:197:158,165:2,2:33, 31:213.99:0.74:0.00:0.00		
TUMOR	215:215:152,157:5,5:58, 56:213.99:0.41:0.00:0.00		

ALT može biti A, C, T, G, N i *.

FILTER može biti LowEVS, PASS, NOT_POLY_IN_1000G, id5, ...