

**Table S2 - Variants detected in plasma after optimal processing**

<b>Patient</b>	<b>Mut_plasma*</b>	<b>Ref_plasma*</b>	<b>Mut_plasma_bg**</b>	<b>Ref_plasma_bg**</b>
SWE-54_B	1	1142	1	6866
SWE-54_A	0	1244	1	6866
BC_A	0	1235	0	6817
BC_B	0	2694	0	54841
BC_C	0	548	0	4059
BC_D	22	8681	3	70847
BC_E	0	644	0	4726
BC_F	0	2276	0	17934
BC_G	0	1127	1	10998

All plasma samples were collected before surgery, except SWE-54B, which was collected one month after surgery

\* Reads containing mutant and reference bases in the corresponding patients' plasma sample

\*\* Reads containing mutant and reference bases in all background samples