

## Illumina NGS TST170 Panel 43 of 170

Date sample sent: 2019-10-26

Date sample received: 2019-10-26

Gene num	Gene name	Scope of test	Test result	Test report	Test status	Comments
15	AKT1	Exons 3-15	No variant detected	High confidence	1	These results are intended for research purposes.
4	ALK	Exons 1-29	No variant detected	High confidence	1	These results are intended for research purposes.
1	BRAF	Exons1-18	No variant detected	High confidence	1	These results are intended for research purposes.
16	CCND1	Exons1-5	No variant detected	High confidence	1	These results are intended for research purposes.
38	CCND2	Exons1-5	No variant detected	High confidence	1	These results are intended for research purposes.
39	CCND3	Exons1-5	No variant detected	High confidence	1	These results are intended for research purposes.
40	CCNE1	Exons2-11	c.5435, c.430923, c.54353 A>C	Tier 5 variants everywhere	1	These results are intended for research purposes.
17	CDK4	Exons2-7	No variant detected	High confidence	1	These results are intended for research purposes.
18	CDKN2A	Exons1-3	No variant detected	High confidence	1	These results are intended for research purposes.
13	EGFR	Exons1-28	No variant detected	High confidence	1	These results are intended for research purposes.
23	ERBB2	Exons1-27	No variant detected	High confidence	1	These results are intended for research purposes.
21	FGFR2	Exons2-18	No variant detected	High confidence	1	These results are intended for research purposes.
22	FGFR3	Exons2-18	No variant detected	High confidence	1	These results are intended for research purposes.
37	HRAS	Exons2-5	No variant detected	High confidence	1	These results are intended for research purposes.
14	KRAS	Exons2-5	No variant detected	High confidence	1	These results are intended for research purposes.
26	MET	Exons2-21	No variant detected	High confidence	1	These results are intended for research purposes.
27	NF1	Exons1-18,19,20,22-58	No variant detected	High confidence	1	These results are intended for research purposes.
10	NRAS	Exons2-5	No variant detected	High confidence	1	These results are intended for research purposes.
42	NTRK1	Exons1-17	Placeholder	Placeholder	3	These results are intended for research purposes.
5	PIK3CA	Exons2-21	No variant detected	High confidence	1	These results are intended for research purposes.

6	PTEN	Exons1-9	Var1 C>G	Tier 3 PTEN variant	1	These results are intended for research purposes.
30	RB1	Exons1-27	No variant detected	High confidence	1	These results are intended for research purposes.
31	RET	Exons1-20	No variant detected	High confidence	1	These results are intended for research purposes.
32	ROS1	Exons1-43	No variant detected	High confidence	1	These results are intended for research purposes.
34	STK11	Exons1-9	No variant detected	High confidence	1	These results are intended for research purposes.
35	TSC1	Exons3-23	No variant detected	High confidence	1	These results are intended for research purposes.
36	TSC2	Exons2-42	No variant detected	High confidence	1	These results are intended for research purposes.
58	ARID1A	Exons1-20	No variant detected	High confidence	1	These results are intended for research purposes.
45	ATM	Exons2-63	No variant detected	High confidence	1	These results are intended for research purposes.
49	BARD1	Exons1-11	No variant detected	High confidence	1	These results are intended for research purposes.
43	BRCA1	Exons2-23	No variant detected	High confidence	1	These results are intended for research purposes.
44	BRCA2	Exons2-26	Var4 A>T	Tier 1 BRCA2 variant	1	These results are intended for research purposes.
46	BRIP1	Exons2-20	No variant detected	High confidence	1	These results are intended for research purposes.
50	CDK12	Exons1-14	No variant detected	High confidence	1	These results are intended for research purposes.
51	CHEK1	Exons2-13	No variant detected	High confidence	1	These results are intended for research purposes.
52	CHEK2	Exons2-15	No variant detected	High confidence	1	These results are intended for research purposes.
53	FANCL	Exons1-14	No variant detected	High confidence	1	These results are intended for research purposes.
47	PALB2	Exons1-13	No variant detected	High confidence	1	These results are intended for research purposes.
54	PPP2R2A	Exons1-10	No variant detected	High confidence	1	These results are intended for research purposes.
55	RAD51B	Exons2-11	No variant detected	High confidence	1	These results are intended for research purposes.
48	RAD51C	Exons1-9	No variant detected	High confidence	1	These results are intended for research purposes. additional comment test.
56	RAD51D	Exons1-10	No variant detected	High confidence	1	These results are intended for research purposes.
57	RAD54L	Exons1-18	No variant detected	High confidence	1	These results are intended for research purposes.

Number of failed genes: 1

		Date
Checker 1	SS	01/02/2019
Checker 2	vc	02/03/2019
Authorised	mjm	18/11/2019