

**Table S1:** FIGC and HDGC-classified cases sequenced with TruSeq Panel 1, 2 or Nextera

Case ID	Panel	Material	Histotype
P1	TruSeq Panel 1	Gastric Tumour	FIGC
P1	TruSeq Panel 1	Normal Stomach	FIGC
P2	TruSeq Panel 1	Gastric Tumour	FIGC
P2	TruSeq Panel 2	Normal Stomach	FIGC
P3	TruSeq Panel 1	Gastric Tumour	FIGC
P3	TruSeq Panel 2	Normal Stomach	FIGC
P4	TruSeq Panel 1	Gastric Tumour	FIGC
P4	TruSeq Panel 2	Normal Stomach	FIGC
P5	TruSeq Panel 1	Gastric Tumour	FIGC
P5	TruSeq Panel 2	Normal Stomach	FIGC
P6	TruSeq Panel 1	Gastric Tumour	FIGC
P6	TruSeq Panel 2	Normal Stomach	FIGC
P7	TruSeq Panel 1	Gastric Tumour	FIGC
P7	TruSeq Panel 1	Normal Stomach	FIGC
P8	TruSeq Panel 1	Gastric Tumour	FIGC
P8	TruSeq Panel 1	Normal Stomach	FIGC
P9	TruSeq Panel 1	Gastric Tumour	FIGC
P9	TruSeq Panel 2	Normal Stomach	FIGC
P10	TruSeq Panel 1	Gastric Tumour	FIGC
P10	TruSeq Panel 2	Normal Stomach	FIGC
P11	TruSeq Panel 1	Gastric Tumour	FIGC
P11	TruSeq Panel 2	Normal Stomach	FIGC
P12	TruSeq Panel 1	Gastric Tumour	FIGC
P12	TruSeq Panel 2	Normal Stomach	FIGC
P13	TruSeq Panel 1	Gastric Tumour	FIGC
P13	TruSeq Panel 2	Normal Stomach	FIGC
P14	TruSeq Panel 1	Gastric Tumour	FIGC
P14	TruSeq Panel 2	Normal Stomach	FIGC
P15	TruSeq Panel 1	Gastric Tumour	FIGC
P15	TruSeq Panel 2	Normal Stomach	FIGC
P17	TruSeq Panel 1	Gastric Tumour	FIGC
P17	TruSeq Panel 2	Normal Stomach	FIGC
P18	TruSeq Panel 1	Gastric Tumour	FIGC
P18	TruSeq Panel 2	Normal Stomach	FIGC
P19	TruSeq Panel 1	Gastric Tumour	FIGC
P19	TruSeq Panel 2	Normal Stomach	FIGC
P20	TruSeq Panel 1	Gastric Tumour	FIGC
P20	TruSeq Panel 1	Normal Stomach	FIGC
P21	Nextera	Gastric Tumour	FIGC
P21	TruSeq Panel 2	Normal Stomach	FIGC
P22	Nextera	Gastric Tumour	FIGC
P22	TruSeq Panel 2	Normal Stomach	FIGC
P23	Nextera	Gastric Tumour	FIGC
P23	TruSeq Panel 2	Normal Stomach	FIGC
P24	Nextera	Gastric Tumour	FIGC
P24	TruSeq Panel 2	Normal Stomach	FIGC

P25	Nextera	Gastric Tumour	FIGC
P25	TruSeq Panel 2	Normal Stomach	FIGC
P26	Nextera	Gastric Tumour	FIGC
P26	TruSeq Panel 2	Normal Stomach	FIGC
P27	Nextera	Gastric Tumour	FIGC
P27	TruSeq Panel 2	Normal Stomach	FIGC
P28	Nextera	Gastric Tumour	FIGC
P28	TruSeq Panel 2	Normal Stomach	FIGC
P29	TruSeq Panel 1	Gastric Tumour	FIGC
P29	TruSeq Panel 2	Normal Stomach	FIGC
P30	TruSeq Panel 1	Gastric Tumour	FIGC
P30	TruSeq Panel 2	Normal Stomach	FIGC
P32	TruSeq Panel 1	Gastric Tumour	FIGC
P32	TruSeq Panel 2	Normal Stomach	FIGC
P33	TruSeq Panel 1	Gastric Tumour	FIGC
P33	TruSeq Panel 2	Normal Stomach	FIGC
P34	TruSeq Panel 1	Gastric Tumour	FIGC
P34	TruSeq Panel 2	Normal Stomach	FIGC
P35	TruSeq Panel 1	Gastric Tumour	FIGC
P35	TruSeq Panel 2	Normal Stomach	FIGC
P36	TruSeq Panel 1	Gastric Tumour	FIGC
P36	TruSeq Panel 2	Normal Stomach	FIGC
P37	TruSeq Panel 1	Gastric Tumour	FIGC
P37	TruSeq Panel 2	Normal Stomach	FIGC
P38	TruSeq Panel 1	Gastric Tumour	FIGC
P38	TruSeq Panel 2	Normal Stomach	FIGC
P39	TruSeq Panel 1	Gastric Tumour	FIGC
P39	TruSeq Panel 2	Normal Stomach	FIGC
P40	TruSeq Panel 1	Gastric Tumour	FIGC
P40	TruSeq Panel 2	Normal Stomach	FIGC
P41	TruSeq Panel 1	Gastric Tumour	FIGC
P41	TruSeq Panel 2	Normal stomach	FIGC
P42	TruSeq Panel 1	Gastric Tumour	FIGC
P42	TruSeq Panel 2	Normal Stomach	FIGC
<b>P43</b>	TruSeq Panel 1	Gastric Tumour	FIGC
<b>P43</b>	TruSeq Panel 1	Normal Stomach	FIGC
P44	TruSeq Panel 1	Gastric Tumour	FIGC
P44	TruSeq Panel 2	Normal Stomach	FIGC
<b>P45</b>	TruSeq Panel 1	Gastric Tumour	FIGC
<b>P45</b>	TruSeq Panel 1	Normal Stomach	FIGC
P46	TruSeq Panel 1	Gastric Tumour	FIGC
P46	TruSeq Panel 2	Normal Stomach	FIGC
P47	TruSeq Panel 1	Gastric Tumour	FIGC
P47	TruSeq Panel 2	Normal Stomach	FIGC
P48	TruSeq Panel 1	Gastric Tumour	FIGC
P48	TruSeq Panel 2	Normal Stomach	FIGC
P49	TruSeq Panel 1	Gastric Tumour	FIGC
P49	TruSeq Panel 2	Normal Stomach	FIGC

<b>P50</b>	TruSeq Panel 1	Gastric Tumour	FIGC
<b>P50</b>	TruSeq Panel 1	Normal Stomach	FIGC
P51	TruSeq Panel 1	Gastric Tumour	FIGC
P51	TruSeq Panel 2	Normal Stomach	FIGC
P52	TruSeq Panel 1	Gastric Tumour	FIGC
P52	TruSeq Panel 2	Normal Stomach	FIGC
1	TruSeq Panel 1	Gastric Tumour	HDGC
1	TruSeq Panel 1	Normal Stomach	HDGC
2	TruSeq Panel 1	Gastric Tumour	HDGC
2	TruSeq Panel 1	Normal Stomach	HDGC
3	TruSeq Panel 1	Gastric Tumour	HDGC
3	TruSeq Panel 1	Normal Stomach	HDGC
4	TruSeq Panel 1	Gastric Tumour	HDGC
4	TruSeq Panel 1	Normal Stomach	HDGC
5	TruSeq Panel 1	Gastric Tumour	HDGC
5	TruSeq Panel 1	Normal Stomach	HDGC
6	TruSeq Panel 1	Gastric Tumour	HDGC
6	TruSeq Panel 1	Normal Stomach	HDGC
7	TruSeq Panel 1	Gastric Tumour	HDGC
7	TruSeq Panel 1	Normal Stomach	HDGC
8	TruSeq Panel 1	Gastric Tumour	HDGC
8	TruSeq Panel 1	Normal Stomach	HDGC
9	TruSeq Panel 1	Gastric Tumour	HDGC
9	TruSeq Panel 1	Normal Stomach	HDGC
10	TruSeq Panel 1	Gastric Tumour	HDGC
10	TruSeq Panel 1	Normal Stomach	HDGC
11	TruSeq Panel 1	Gastric Tumour	HDGC
11	TruSeq Panel 1	Normal Stomach	HDGC
12	TruSeq Panel 1	Gastric Tumour	HDGC
12	TruSeq Panel 1	Normal Stomach	HDGC
13	TruSeq Panel 1	Gastric Tumour	HDGC
13	TruSeq Panel 1	Normal Stomach	HDGC
14	TruSeq Panel 1	Gastric Tumour	HDGC
14	TruSeq Panel 1	Normal Stomach	HDGC
15	TruSeq Panel 1	Gastric Tumour	HDGC
15	TruSeq Panel 1	Normal Stomach	HDGC
16	TruSeq Panel 1	Gastric Tumour	HDGC
16	TruSeq Panel 1	Normal Stomach	HDGC
17	TruSeq Panel 1	Gastric Tumour	HDGC
17	TruSeq Panel 1	Normal Stomach	HDGC

P1;P7; P8;P20; P43; P45; P57 - FIGC cases used for comparisons with 17 HDGC