

Table S1. Comparison of Ct values for individual positive samples compared to traditional sample pooling (TSP) strategy and sample pooling concentration (SPC) strategy^a

Pool ^b	3-sample pooling					8-sample pooling				
	Individual Ct	TSP Ct	Δ Ct ^c	SPC Ct	Δ Ct ^c	Individual Ct	TSP Ct	Δ Ct ^c	SPC Ct	Δ Ct ^c
1	27.56	29.17	1.18	27.99	0.43	28.55	31.23	2.68	29.05	0.50
2	29.06	30.27	1.21	28.27	-0.79	29.50	32.32	2.82	29.99	0.49
3	28.31	30.53	2.22	28.38	0.07	29.67	32.16	2.49	30.04	0.37
4	28.66	29.98	1.32	27.95	-0.71	29.52	31.52	2.00	29.29	-0.23
5	28.62	30.01	1.39	28.84	0.22	28.85	31.32	2.47	29.34	0.49
6	33.33	35.09	1.76	33.65	0.32	29.51	31.57	2.06	29.24	-0.27
7	33.29	35.14	1.85	33.72	0.43	33.21	35.34	2.13	33.87	0.66
8	34.26	36.36	2.10	34.24	-0.02	33.39	35.28	1.89	33.72	0.33
9	34.86	36.16	1.30	35.49	0.63	34.67	37.41	2.74	35.07	0.40
10	36.68	38.04	1.36	37.01	0.33	34.66	36.54	1.88	35.37	0.71
11	36.22	38.03	1.81	36.79	0.57	36.38	39.17	2.79	36.07	-0.31
12	37.44	40.00	2.56	37.24	-0.20	36.76	40.00	3.24	36.87	0.11
13	27.99	28.99	N/A	27.72	N/A	28.55	30.50	N/A	27.89	N/A
	28.66					28.85				
14	33.33	34.16	N/A	32.63	N/A	29.67	32.19	N/A	30.03	N/A
	34.26					37.41				
15	36.68	40.00	N/A	37.51	N/A	33.21	35.57	N/A	33.25	N/A
	37.44					36.76				
16	29.06	29.41	N/A	27.99	N/A	29.50	30.94	N/A	29.03	N/A
	28.66					29.52				
	33.33					33.21				

17	33.29	34.38	N/A	33.09	N/A	33.39	36.61	N/A	34.27	N/A
	34.26					34.67				
	37.44					36.76				
18	36.68	37.43	N/A	36.36	N/A	36.38	38.08	N/A	35.54	N/A
	36.22					36.76				
	37.44					34.67				

^aCt: cycle threshold; Boldface type indicates samples that were missed when pooled; N/A: not applicable.

^bpools 1-12 containing one positive sample, pools 13-15 containing two positive samples, pools 16-18 containing three positive samples.

^cValues represent the difference between Ct values of the pooled group and corresponding individual positive sample.