

Table S1 Inter-assay reproducibility of the multi-probe TaqMan qPCR assay

Plasmid	Dilute concentration (copies/ μ L)	Repeatability between groups			Average value	SD	CV (%)
		1	2	3			
pUC-BT	10^6	18.24	18.91	18.74	18.63	0.28	1.52
	10^5	21.84	22.72	22.23	22.26	0.36	1.62
	10^4	25.23	26.15	25.62	25.67	0.38	1.47
	10^3	28.84	29.67	29.10	29.20	0.35	1.19
	10^2	32.38	33.10	32.94	32.81	0.31	0.94
	10^1	35.64	36.90	36.19	36.24	0.52	1.43
pUC-DX	10^6	21.15	20.36	20.07	20.53	0.56	2.74
	10^5	24.74	24.13	23.44	24.11	0.65	2.71
	10^4	28.38	27.71	27.02	27.70	0.68	2.46
	10^3	32.08	31.38	30.96	31.47	0.57	1.80
	10^2	35.56	35.17	34.07	34.93	0.77	2.20
	10^1	38.77	39.13	37.72	38.54	0.74	1.91

Table S2 Intra-assay reproducibility of the multi-probe TaqMan qPCR assay

Plasmid	Group	Dilute concentration (copies/ μ L)	Intra-assay reproducibility			Average value	SD	CV (%)
pUC-BT	1	10 ⁶	18.21	18.26	18.24	18.24	0.03	0.15
		10 ⁵	21.84	21.80	21.88	21.84	0.04	0.20
		10 ⁴	25.22	25.22	25.26	25.23	0.03	0.10
		10 ³	28.69	28.78	29.04	28.84	0.18	0.63
		10 ²	32.62	32.22	32.30	32.38	0.21	0.66
		10 ¹	35.80	35.47	35.64	35.64	0.16	0.46
	2	10 ⁶	18.88	18.87	18.97	18.91	0.05	0.29
		10 ⁵	22.70	22.65	22.82	22.72	0.09	0.38
		10 ⁴	26.15	26.10	26.20	26.15	0.05	0.19
		10 ³	29.67	29.63	29.72	29.67	0.04	0.15
		10 ²	33.19	33.08	33.03	33.10	0.08	0.25
		10 ¹	36.88	36.79	37.02	36.90	0.12	0.32
	3	10 ⁶	18.71	18.76	18.74	18.74	0.03	0.15
		10 ⁵	22.27	22.22	22.21	22.23	0.03	0.14
		10 ⁴	25.64	25.57	25.65	25.62	0.04	0.17
		10 ³	29.22	29.01	29.07	29.10	0.11	0.36
		10 ²	32.93	32.81	33.09	32.94	0.14	0.43
		10 ¹	36.28	35.97	36.33	36.19	0.20	0.54
pUC-DX	1	10 ⁶	21.17	21.22	21.08	21.15	0.07	0.34
		10 ⁵	24.83	24.71	24.69	24.74	0.08	0.31
		10 ⁴	28.40	28.32	28.43	28.38	0.05	0.19
		10 ³	32.25	32.01	31.98	32.08	0.15	0.46
		10 ²	35.92	35.40	35.34	35.56	0.32	0.90
		10 ¹	39.37	38.29	38.66	38.77	0.55	1.41
	2	10 ⁶	20.20	20.56	20.31	20.36	0.18	0.89
		10 ⁵	24.12	24.12	24.16	24.13	0.02	0.09
		10 ⁴	27.74	27.72	27.67	27.71	0.03	0.12
		10 ³	31.29	31.46	31.39	31.38	0.09	0.28
		10 ²	35.01	35.32	35.18	35.17	0.15	0.44
		10 ¹	38.33	39.88	39.19	39.13	0.77	1.98
	3	10 ⁶	20.03	20.06	20.12	20.07	0.04	0.22
		10 ⁵	23.43	23.47	23.42	23.44	0.03	0.12
		10 ⁴	27.04	26.98	27.02	27.02	0.03	0.11
		10 ³	30.85	30.95	31.08	30.96	0.12	0.37
		10 ²	34.48	33.60	34.14	34.07	0.44	1.30
		10 ¹	37.33	38.58	37.25	37.72	0.44	1.18