



	$n$	#q	#G	CTA						AutoQ				SV-Sim	symQV	CaA
				before		after		post <sub>C</sub>	$\subseteq$	before	after	post <sub>C</sub>	$\subseteq$			
BV-SING	95	96	241	193	193	193	193	0.2s	0.0s							
	96	97	243	195	195	195	195	0.2s	0.0s							
	97	98	246	197	197	197	197	0.2s	0.0s							
	98	99	248	199	199	199	199	0.3s	0.0s							
	99	100	251	201	201	201	201	0.3s	0.0s							
BV-ALL	9	19	30	39	48	48	57	0.0s	0.0s							
	10	21	33	43	53	53	63	0.0s	0.0s							
	11	23	36	47	58	58	69	0.0s	0.0s							
	12	25	39	51	63	63	75	0.0s	0.0s							
	13	27	42	55	68	68	81	0.0s	0.0s							
GHZ-SING	64	64	64	129	129	191	191	0.0s	0.0s							
	128	128	128	257	257	383	383	0.1s	0.0s							
	256	256	256	513	513	767	767	0.8s	0.0s							
	384	384	384	769	769	1151	1151	2.0s	0.0s							
	512	512	512	1025	1025	1535	1535	3.6s	0.0s							
GHZ-ALL	8	8	8	17	25	37	65	0.0s	0.0s							
	16	16	16	33	49	77	137	0.0s	0.0s							
	32	32	32	65	97	157	281	0.0s	0.0s							
	64	64	64	129	193	317	569	0.1s	0.0s							
	128	128	128	257	385	637	1145	0.6s	0.0s							
GROVER-SING	12	24	5215	49	49	71	71	1.4s	0.0s							
	14	28	12217	57	57	83	83	3.9s	0.0s							
	16	32	28159	65	65	95	95	10s	0.0s							
	18	36	63537	73	73	107	107	26s	0.0s							
	20	40	141527	81	81	119	119	1m9s	0.0s							
GROVER-ALL	6	18	357	37	43	252	315	0.4s	0.0s							
	7	21	552	43	50	481	608	1.7s	0.0s							
	8	24	939	49	57	934	1189	9.0s	0.1s							
	9	27	1492	55	64	1835	2346	48s	0.7s							
	10	30	2433	timeout												
H2	12	12	24	25	37	25	37	0.0s	0.0s							
	13	13	26	27	40	27	40	0.0s	0.0s							
	64	64	128	129	193	129	193	0.2s	0.0s							
	128	128	256	257	385	257	385	0.9s	0.0s							
	256	256	512	513	769	513	769	4.2s	0.0s							
HXH	10	10	30	21	31	31	50	0.0s	0.0s							
	11	11	33	23	34	34	55	0.0s	0.0s							
	12	12	36	25	37	37	60	0.0s	0.0s							
	13	13	39	27	40	40	65	0.0s	0.0s							
	99	99	297	199	298	298	495	0.7s	0.0s							
MCTOFFOLI	8	16	15	33	42	48	65	0.0s	0.0s							
	10	20	19	41	52	60	81	0.0s	0.0s							
	12	24	23	49	62	72	97	0.0s	0.0s							
	14	28	27	57	72	84	113	0.0s	0.0s							
	16	32	31	65	82	96	129	0.0s	0.0s							

