

E.coli, strain K-12, substrain MG1655, version M52 * sRNA candidates tested I**

CANDIDATE NAME	STRAND	TRANSCRIPT SIZE	CANDID SIZE	INTERG SIZE	CANDIDATE LOCATION	QRNA SCORE	ADJACENT	ORFS	
sraF	1>tpk1	+	180	269	283	3,235,948	46.77	ygjR (3234934 – 3235938 >)	ygjT (3236222 – 3237187 >)
	2>k1			113	133	3903244	41.61	bg1F (3901348 – 3903225 <)	bg1G (3903359 – 3904195 <)
	3>ke1			209	245	455657	32.63	tig (454357 – 455655 >)	clpP (455901 – 456524 >)
ryfA	4>tp1	+	300	373	817	2,651,802	29.07	ssea (2650335 – 2651359 >)	sseB (2652177 – 2652962 <)
	5>t1			115	575	4173138	26.36	b3975 (4172792 – 4172947 <)	tufB (4173533 – 4174707 >)
sraK, ryiB	6>tpk2	+	250	268	814	4,048,659	26.06	b3865 (4047713 – 4048312 <)	byihI(4048927 – 4049436 >)
	7>p1			182	182	4049438	25.68	yihI (4048927 – 4049436 >)	hemN (4049619 – 4050998 >)
	8>tp2			196	292	2,190,331	25.48	yehD (2189700 – 2190242 <)	yehE (2190335 – 2190816 <)
	9>tp2	–	120/60	159	160	122,859	24.99	pdhR (122092 – 122856 >)	aceE (123017 – 125680 >)
	10>t2			247	343	454015	24.93	bolA (453663 – 454013 >)	tig (454357 – 455655 >)
	11>tp1			159	159	962,93	24.75	rpsA (961218 – 962891 >)	himD (963051 – 963335 >)
	12>tpk3			347	372	4055641	24.68	glnA (4054205 – 4055614 <)	yihK (4055987 – 4057762 >)
	13>p2			197	204	4403566	24.15	purA (4402265 – 4403563 >)	yjeb (4403768 – 4404193 >)
	14>tp2			77	91	193445	23.88	frr (192872 – 193429 >)	yaem (193521 – 194717 >)
	15>t3			52	63	1755683	23.48	lpp (1755445 – 1755681 >)	b1678(1755745 – 1756749 <)
	16>tpke1	+	370	89	89	14,081	22.33	dnak (12163 – 14079 >)	dnaJ (14168 – 15298 >)
	17>tp2			57	64	4,55,66	22.29	yjie (4554947 – 4555358 <)	iada (4555923 – 4557095 <)
	18>tpk4			269	319	4,78,05	21.77	rplL (4178138 – 4178503 >)	rpoB (4178823 – 4182851 >)
	19>tp2			197	227	85320	21.63	leuO (84191 – 85312 >)	ilvI (85340 – 87354 >)
	20>tp4			229	229	4174709	21.48	tufB (4173523 – 4174707 >)	secE (4174937 – 4175320 >)
	21>k2			353	446	914218	21.47	b0874 (913181 – 914128 <)	agpZ (914570 – 915270 <)
rydB	22>tp2	–	65	191	547	1,762,685	21.30	b1684(17762042 – 1762410 <)	b1685 (1762958 – 176322 <)
	23>t4			198	216	3809317	21.27	rpmB (3809065 – 3809301 <)	radC (3809518 – 3810192 <)
	24>k3			380	598	2227055	20.83	yohH (2226569 – 2226859 <)	yohI (2227458 – 2228405 <)
	25>tp5			112	114	2508908	20.55	b2389 (2507650 – 2508906 >)	b2390(2509021 – 2509347 >)
sraG	26>p3			177	177	3308880	20.24	pnp (3306674 – 3308878 <)	rpsO (3309036 – 3309325 <)
	27>tpke10			310	1230	4531556	19.66	yjhq (4530807 – 4531352 <)	yjhr (4532583 – 4533599 >)
	28>tp6			164	164	3445788	19.62	rplN (3445415 – 3445786 <)	rpsq (3445951 – 3446205 <)
	29>tk1	+	150/180	212	494	2689183	19.53	b2556 (2687691 – 2689181 <)	purL (2689676 – 2693363 <)
	30>t6			133	134	932314	19.45	lrp (931818 – 932312 >)	ftsk (932447 – 936436 >)
	31>k4	–	197	197	270	3436082	19.34	mscL (3435661 – 3436071 >)	yhdm (3436342 – 3436767 <)
	32>t7			126	130	4525553	19.11	yjhl (4525117 – 4525548 <)	yjhm (4525679 – 4526485 <)
	33>tpke10			497	1,231	4,531,359	18.64	yjhq (4530807 – 4531352 <)	yjhr (4532583 – 4533599 >)
	34>t8			146	146	3440110	18.39	rpsm (3439752 – 3440108 <)	rpmJ (3440255 – 3440371 <)
rygD	35>tp8	–	140/110	254	419	3192705	18.34	b3051 (3190880 – 3192541 >)	b3052(3192961 – 3194394 <)
	36>tpke31			51	292	3,467,732	17.66	yheb (3464797 – 346790 <)	tufA (3467782 – 346866 <)
	37>p5			125	139	1823032	16.94	b1742 (1822386 – 1823024 <)	b1743(1823164 – 1823649 <)
	38>cc4_14			370	370	3,999,042	16.80	yige (399813 – 3998668 <)	corA(39999038 – 3999988 >)
	39>tpke51			117	220	4,225,207	15.79	meth (4221407 – 4225090 >)	yjbb (4225310 – 4226941 >)

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II

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40>t44	+	135	251	368	189,628	15.29	map (188712 – 189506 <)	rpsB (189874 – 190599 >)
41>tpke70	-	40	435	492	2,494,649	12.32	b2378(2493599 – 2494585 >)	b2379(2495077 – 2496315 <)
42>t21			125	125	3,472,191	12.28	rpsL (3471815 – 3472189 <)	yheL (3472315 – 3472602 <)
43>tpc43			188	459	451,113	11.65	cyoA (449887 – 450834 <)	ampG (451294 – 452769 <)
44>tpke37			220	272	2,702,135	11.11	rnc (2701403 – 2702083 <)	llepB(2702355 – 2703329 <)
45>tpke89			249	249	2,744,207	10.34	rpsP (2743957 – 2744205 <)	ffh (274454 – 2745815 <)
46>cc4_13			140	140	3,948,045	9.68	l1vL (3947945 – 3948043 >)	l1vG_1(3948183 – 394916 >)
47>tpke85			117	138	3,081,830	9.64	speB (3080896 – 3081816 <)	speA (3081954 – 3083930 <)
48>tpke118			185	185	984,934	9.14	aspC (983742 – 984932 <)	ompF (895117 – 986205 <)
49>tpke122			191	279	3,719,753	7.50	y15B (3718827 – 3719678 >)	g1ys (3719957 – 3722026 <)