

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

	CANDIDATE NAME	CANDID SIZE	INTERG SIZE	CANDIDATE LOCATION	QRNA SCORE	ADJACENT	ORFS
C, sraF	1>tpk1	269	283	3,235,948	46.77	yglR (3234934 – 3235938 >)	yglT (3236222 – 3237187 >)
T	2>k1	113	133	3903244	41.61	bglF (3901348 – 3903225 <)	bglG (3903359 – 3904195 <)
T	3>te1	209	245	455657	32.63	tig (454357 – 455655 >)	clpP (455901 – 456524 >)
C, ryfA	4>tp1	373	817	2,651,802	29.07	sseA (2650355 – 2651359 >)	sseB (2652177 – 2652962 <)
T	5>t1	115	575	4173138	26.36	b3975 (4172792 – 4172947 <)	tufB (4173523 – 4174707 >)
C, sraK, ryiB	6>tpk2	268	814	4,048,659	26.06	b3865 (4047713 – 4048312 <)	byhI1(4048927 – 4049436 >)
T	7>p1	182	182	4049438	25.68	yihI (4048927 – 4049436 >)	hemM (4049619 – 4050998 >)
T	8>tpc2	196	292	2,190,331	25.48	yehD (2189700 – 2190242 <)	yehE (2190535 – 2190816 <)
C	9>tp2	159	160	122,859	24.99	pdhR (122092 – 122856 >)	aceE (123017 – 125680 >)
T	10>t2	247	343	454015	24.93	bolA (453663 – 454013 >)	tig (454357 – 455655 >)
T	11>tpc1	159	159	962,93	24.75	rpsA (961218 – 962891 >)	himD (963051 – 963335 >)
T	12>tpk3	347	372	4055641	24.68	glnA (4054205 – 4055614 <)	yihK (4055987 – 4057762 >)
T	13>p2	197	204	4403566	24.15	purA (4402265 – 4403563 >)	yjeb (4403768 – 4404193 >)
T	14>tpc3	77	91	193445	23.88	frr (192872 – 193429 >)	yaem (193521 – 194717 >)
T	15>t3	52	63	1755683	23.48	lpp (1755445 – 1755681 >)	b1678(1755745 – 1756749 <)
C	16>tpke1	89	89	14,081	22.33	dnak (12163 – 14079 >)	dnaJ (14168 – 15298 >)
T	17>tpc4	57	64	4,55,66	22.29	yjie (4554947 – 4555858 <)	iada (4555923 – 4557095 <)
T	18>tpk4	269	319	4,78,05	21.77	rplL (4178138 – 4178503 >)	rpoB (4178823 – 4182851 >)
T	19>tpc6	197	227	85320	21.63	leuD (84191 – 85312 >)	ilvI (85540 – 87354 >)
T	20>tp4	229	229	4174709	21.48	tufB (4173523 – 4174707 >)	secE (4174937 – 4175320 >)
T	21>k2	353	446	914218	21.47	b0874 (913181 – 914128 <)	agpZ (914575 – 915270 <)
C, rydB	22>tpc7	191	547	1,762,685	21.30	b1684(17762042 – 1762410 <)	b1685 (1762958 – 176322 <)
T	23>t4	198	216	3809317	21.27	rpmB (3809065 – 3809301 <)	radC (3809518 – 3810192 <)
T	24>k3	380	598	2227055	20.83	yohH (2226569 – 2226859 <)	yohI (2227458 – 2228405 <)
T	25>tp5	112	114	2508908	20.55	b2389 (2507650 – 2508906 >)	b2390(2509021 – 2509347 >)
T, sraG	26>p3	177	177	3308880	20.24	pnp (3306674 – 3308878 <)	rps0 (3309056 – 3309325 <)
T	27>tpke10	310	1230	4531556	19.66	yjhq (4530807 – 4531352 <)	yjhr (4532583 – 4533599 >)
T	28>tp6	164	164	3445788	19.62	rplN (3445415 – 3445786 <)	rpsq (3445951 – 3446205 <)
C	29>tkc1	212	494	2689183	19.53	b2556 (2687691 – 2689181 <)	purL (2689676 – 2693563 <)
T	30>t6	133	134	932314	19.45	lrrp (931818 – 932312 >)	ftsk (932447 – 936436 >)
C	31>k4	197	270	3436082	19.34	mscL (3435661 – 3436071 >)	yhdM (3436342 – 3436767 <)
T	32>t7	126	130	4525553	19.11	yjhl (4525117 – 4525548 <)	yjhm (4525679 – 4526485 <)
T	33>tpke10	497	1,231	4,531,359	18.64	yjhq (4530807 – 4531352 <)	yjhr (4532583 – 4533599 >)
T	34>t8	146	146	3440110	18.39	rpsM (3439752 – 3440108 <)	rpmJ (3440255 – 3440371 <)
C, rygD	35>tp8	254	419	3192705	18.34	b3051 (3190880 – 3192541 >)	b3052(3192961 – 3194394 <)
T	36>tk1	125	126	3330379	17.89	yhbE (3329411 – 3330376 <)	rpmA (3330503 – 3330760 <)
T	37>tpke31	51	292	3,467,732	17.66	yheb (3464797 – 346790 <)	tufA (3467782 – 346866 <)
T	38>tc3	62	129	1553785	17.63	sfcA (1551996 – 1553720 <)	rpsv (1553850 – 1553987 <)
T	39>p5	125	139	1823032	16.94	b1742 (1822386 – 1823024 <)	b1743(1823164 – 1823649 <)
T	40>e1	75	78	4437372	16.84	ytfK (4437125 – 4437370 >)	ytfL (4437449 – 4438792 <)

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

	CANDIDATE NAME	CANDID SIZE	INTERG SIZE	CANDIDATE LOCATION	QRNA SCORE	ADJACENT	ORFS
T	41>cc4_14	370	370	3,999,042	16.80	yige (399813 – 399866 <)	corA (3999038 – 3999988 >)
	42>tk2	68	73	3604015	16.69	b3468 (3603382 – 3604008 >)	b3469 (3604082 – 3606280 >)
	43>k5	57	58	4353991	16.41	b4130 (4352532 – 4353989 <)	cada (4354048 – 4356195 <)
	44>tp9	147	282	4339324	16.31	melR (4338298 – 4339206 <)	melA (4339489 – 4340844 >)
	45>e3	61	75	1018167	16.21	yebg (1017708 – 1018160 >)	ompA (1018236 – 1019276 <)
	46>tpk6	199	399	1165110	16.16	b1108 (1164309 – 1164908 >)	ndh (1165308 – 1166612 >)
	47>tp10	97	97	3808781	16.00	mtm (3807970 – 3808779 <)	rpmG (3808877 – 3809044 <)
ryeC, rydD	48>tp11	346	740	2151247	15.88	b2073 (2150491 – 2151150 <)	b2074 (2151891 – 2153285 >)
T	49>tpke51	117	220	4,225,207	15.79	meth (4221407 – 4225090 >)	yjbb (4225310 – 4226941 >)
	50>tp13	95	100	1793178	15.52	btcC (1792196 – 1793176 <)	hima (1793277 – 1793576 <)
	51>tl10	70	70	3468968	15.42	tufa (3467782 – 3468966 <)	fusa (3469037 – 3471151 <)
gcvB	52>tpk7	300	350	2940603	15.35	gcvA (2939672 – 2940589 <)	b2809 (2940940 – 2941170 <)
ryfA	53>tp14	194	817	2651362	15.30	ssea (2650355 – 2651359 >)	sseb (2652177 – 2652962 <)
C	54>t44	251	368	189,628	15.29	map (188712 – 189506 <)	rpsB (189874 – 190599 >)
	55>tpel8	86	92	83537	15.23	leuA (81958 – 83529 <)	leuL (83622 – 83708 <)
	57>tke2	81	81	257	15.16	thrL (190 – 255 >)	thra (337 – 2799 >)
	57>tp15	101	106	3437153	15.03	yhdN (3436778 – 3437146 <)	rp1Q (3437253 – 3437636 <)
	58>tke3	102	104	4370252	14.91	mopA (4368603 – 4370249 >)	b4144 (4370354 – 4370740 >)
	59>p7	109	124	2847874	14.84	hycB (2847261 – 2847872 <)	hycA (2847997 – 2848458 <)
	60>tp16	117	117	3344103	14.79	yhbh (3343814 – 3344101 >)	ptsN (3344219 – 3344710 >)
	61>t11	198	1457	2815884	14.64	b2690 (2814959 – 2815525 <)	csrA (2816983 – 2817168 <)
	62>tpc20	126	127	1733277	14.61	b1655 (1732459 – 1733274 >)	sodB (1733402 – 1733983 >)
	63>k6	75	76	3087700	14.60	galP (3086303 – 3087697 >)	sprt (3087774 – 3088271 >)
	64>pk1	183	237	502518	14.54	ybal (500786 – 502462 <)	fsr (502700 – 503920 <)
	65>tpk8	200	383	2531402	14.45	cysK (2530429 – 2531400 >)	ptsH (2531784 – 2532041 >)
	66>tp17	86	134	4113161	14.22	g1px (4112149 – 4113159 <)	g1pk (4113294 – 4114802 <)
	67>k7	74	138	2280826	14.16	rp1Y (2280537 – 2280821 >)	yejK (2280960 – 2281967 <)
	68>t12	73	180	2268577	14.11	b2175 (2267999 – 2268565 >)	b2176 (2268746 – 2270302 >)
	69>tpc27	74	74	2412694	13.99	ackA (2411490 – 2412692 >)	pta (2412767 – 2414911 >)
	70>t13	86	392	4608582	13.98	prfC (4606983 – 4608572 >)	osmY (4608965 – 4609570 >)
	71>k8	95	221	3184109	13.91	yglL (3183430 – 3183981 >)	y121_5 (3184203 – 3184568 >)
	72>tk5	68	72	921522	13.88	b0879 (919570 – 921516 >)	cspd (921589 – 921813 <)
	73>tpc29	149	149	773827	13.84	ybge (773532 – 773825 >)	ybgC (773975 – 774379 >)
	74>tpk9	152	154	3474091	13.84	b3346 (3473355 – 3474089 <)	fkpA (3474244 – 3475056 <)
	75>tp18	187	191	1910602	13.83	htpx (1909719 – 1910600 <)	prc (1910792 – 1912840 <)
	76>tpke51	113	219	4225092	13.79	meth (4221407 – 4225090 >)	yjbb (4225310 – 4226941 >)
	77>k9	267	418	3717990	13.73	cspa (3717678 – 3717890 >)	y15A (3718309 – 3718830 >)
	78>tp19	63	64	2410635	13.64	b2294 (2410120 – 2410632 <)	b2295 (2410697 – 2411152 <)
	79>k10	150	533	1080042	13.52	putP (1078528 – 1080036 >)	b1016 (1080570 – 1080689 >)
	80>tp20	112	115	4362936	13.50	cutA (4362596 – 4362934 <)	dcuA (4363050 – 4364351 <)

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

	CANDIDATE NAME	CANDID SIZE	INTERG SIZE	CANDIDATE LOCATION	QRNA SCORE	ADJACENT	ORFS
straA	81>tl5	187	187	457926	13.41	clpX (456650 – 457924 >)	lon (458112 – 460466 >)
	82>tp21	106	768	1255837	13.34	b1202(12552308 – 1255175 <)	ychF (1255944 – 1257035 <)
	83>tpc34	104	105	136467	13.13	speE (135598 – 136464 <)	yacC (136570 – 137040 <)
	84>p8	68	377	3494525	13.12	nirD (3494188 – 3494514 >)	nirC (3494892 – 3495446 >)
	85>tk7	146	146	191710	13.03	tsf (190857 – 191708 >)	pyrH (191855 – 192580 >)
	86>te5	71	73	1918171	12.95	b1834(1915528 – 1918167 >)	b1835 (1918241 – 1919686 >)
	87>tl7	194	341	1860602	12.85	b1778(1860040 – 1860453 <)	gapA (1860795 – 1861790 >)
	88>tl8	120	394	3375331	12.63	sspa (3374417 – 3375055 <)	rpsI (3375450 – 3375842 <)
	89>tl9	116	126	4407596	12.50	yjFH (4406853 – 4407584 >)	yjfi (4407711 – 4408112 >)
	90>tpc40	56	67	1994067	12.29	yecF (1993841 – 1994065 >)	sdiA (1994133 – 1994855 <)
T	91>421	125	125	3472191	12.28	rpsL (3471815 – 3472189 <)	yhel (3472315 – 3472602 <)
C	92>tpkc70	435	492	2494649	12.32	b2378(2493599 – 2494585 >)	b2379 (2495077 – 2496315 <)
	93>tk8	109	109	661867	12.21	ybed (661602 – 661865 <)	daca (661975 – 663186 <)
	94>422	208	208	460468	12.20	lon (458112 – 460466 >)	hupp (460675 – 460947 >)
	95>pk2	96	96	1798025	12.18	rpmI (1797826 – 1798023 <)	infC (1798120 – 1798662 <)
	96>k12	108	125	3934798	12.04	rbsB (39333004 – 3934794 >)	rbsK (3934920 – 3935849 >)
	97>tk9	106	108	3404907	12.00	accC (3403554 – 3404903 >)	yhdT (3405012 – 3405254 >)
	98>tp25	90	100	1896332	11.84	sdaA (1894956 – 1896320 >)	b1815 (1896421 – 1898049 >)
straC, ryeA, ryeB	99>tpkc79	282	392	1921027	11.82	b1838(1920337 – 1920996 <)	b1839 (1921389 – 1921730 <)
	100>423	58	59	1158528	11.81	ptsG (1157092 – 1158525 >)	fhue (1158585 – 1160774 <)
T	101>tpc43	182	459	451113	11.80	cyoA (449887 – 450834 <)	ampG (451294 – 452769 <)
	102>424	67	93	463535	11.71	b0442 (463161 – 463532 >)	b0443 (463626 – 464024 >)
	103>tpk13	58	62	1861792	11.64	gapA (1860795 – 1861790 >)	b1780 (1861853 – 1862758 >)
	104>te8	80	81	4401885	11.59	hf1C (4400878 – 4401882 >)	b4176 (4401964 – 4402161 >)
	105>pe4	255	478	4566122	11.58	yji0 (4564856 – 4566088 <)	yjiP (4566567 – 4566878 >)
	106>pl1	141	148	3309327	11.55	rps0 (3309056 – 3309325 <)	trub (3309474 – 3310418 <)
	107>k14	90	95	3951043	11.45	l1ve (3950107 – 3951036 >)	l1vd (3951132 – 3952949 >)
	108>tpk14	233	237	3450909	11.37	rpsJ (3450596 – 3450907 <)	pin0 (3451145 – 3451564 <)
	109>k15	114	571	261982	11.33	proA (260727 – 261980 >)	b0245 (262552 – 262893 <)
	110>k17	98	114	3244180	11.21	exuT (3242744 – 3244162 >)	exuR (3244277 – 3245068 >)
	111>pe5	59	215	617278	11.20	entF (613380 – 617261 >)	fepe (617477 – 618610 >)
T	112>tpkc37	220	272	2,702,135	11.11	rnc (2701403 – 2702083 <)	l1epb (2702355 – 2703329 <)
	113>tp27	114	114	9193	11.06	talB (8238 – 9191 >)	mog (9306 – 9893 >)
	114>pl2	70	70	711192	11.06	b0685 (710828 – 711190 <)	b0686 (711261 – 712025 <)
	115>pe6	186	191	49634	11.04	kefC (47769 – 49631 >)	fo1A (49823 – 50302 >)
straJ, rylA	116>k19	245	678	3984055	11.02	aslA (3981965 – 3983620 <)	hemY (3984299 – 3985495 <)
	117>425	172	172	960253	10.97	b0909 (959463 – 960251 >)	cmk (960424 – 961107 >)
	118>te10	196	311	1976232	10.96	flhd (1975871 – 1976230 <)	insB_5(1976542 – 1977045 <)
	119>pkc1	220	221	3154534	10.95	b3011(3153369 – 3154532 >)	b3012 (3154754 – 3155464 >)
	120>te11	211	372	2111236	10.73	rfbB (2109998 – 2111083 <)	galF (2111456 – 2112349 <)

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

	CANDIDATE NAME	CANDID SIZE	INTERG SIZE	CANDIDATE LOCATION	QRNA SCORE	ADJACENT	ORFS
	121>k20	53	110	2638654	10.65	hiss (2637321 – 2638595 <)	gcpe (2638706 – 2639824 <)
	122>tp28	198	288	709961	10.62	fur (709423 – 709869 <)	flda (710158 – 710688 <)
	123>k21	91	117	2265733	10.60	yeid (2264265 – 2265731 >)	yeir (2265849 – 2266835 >)
	124>tk11	80	85	2618182	10.47	uraa (2616891 – 2618180 <)	upp (2618266 – 2618919 <)
	125>tpk16	175	336	3107235	10.39	spec (3105038 – 3107233 <)	b2966(3107570 – 3108277 >)
	126>tel2	92	94	3813399	10.37	pyre (3812754 – 3813395 <)	rph (3813490 – 3814176 <)
T	127>tpke89	249	249	2,744,207	10.34	rpsp (2743957 – 2744205 <)	fth (274454 – 2745815 <)
	128>tp29	246	374	1903368	10.32	b1820 (1902825 – 1903283 >)	b1821(1903658 – 1904278 >)
ryeC, ryeD	129>tpε60	244	740	2151623	10.20	b2073 (2150491 – 2151150 <)	b2074(2151891 – 2153285 >)
	130>tpε62	105	105	3850413	10.19	llvb (3848723 – 3850411 <)	b3672(3850517 – 3850615 <)
	131>ε5	228	447	3048689	10.14	gcvt (3047593 – 3048687 <)	visc (3049135 – 3050337 <)
	132>pe8	57	294	58182	10.13	yabh (57364 – 58179 >)	yabp (58474 – 59124 >)
rygC	133>t27	222	388	3054820	10.12	ygfa (3054261 – 3054809 >)	serra (3055198 – 3056430 <)
	134>pe9	147	151	3924637	10.10	asnc (3924173 – 3924631 <)	asna (3924783 – 3925775 >)
	135>tk12	85	86	808482	10.09	bioa (807191 – 808480 <)	bioB (808567 – 809607 >)
	136>ε6	197	556	1753526	10.03	b1675 (1752956 – 1753165 <)	pykf (1753722 – 1755134 >)
	137>pe10	56	129	963339	10.02	himd (963051 – 963335 >)	ycaI (963465 – 965807 >)
	138>ε7	88	165	1905163	9.97	yebh (1904275 – 1905084 <)	cspc (1905250 – 1905459 <)
	139>k23	104	541	3319609	9.95	yhbX (3317629 – 3319272 <)	secg (3319814 – 3320146 <)
	140>k24	200	3078	2157702	9.90	b2075 (2153285 – 2156407 >)	b2077(2159486 – 2160901 >)
	141>t29	101	101	1415412	9.79	rece (1412810 – 1415410 <)	racC (1415512 – 1415787 <)
	142>tp31	78	80	3301012	9.75	yhbv (3300112 – 3301008 >)	yhbW (3301089 – 3302096 >)
	143>tp30	126	126	1975165	9.75	motA (1974276 – 1975163 <)	flhC (1975290 – 1975868 <)
	144>pe11	75	75	420136	9.73	brnq (418815 – 420134 >)	b0402 (420210 – 421583 >)
T	145>cc4.13	140	140	3,948,045	9.68	flvL (3947945 – 3948043 >)	flvG.1(3948183 – 3949196 >)
	146>t30	122	137	1005016	9.65	pyrd (1003991 – 1005001 >)	b0946(1005139 – 1005717 >)
	147>k25	175	191	950305	9.64	pf1A (949563 – 950303 <)	pf1B (950495 – 952777 <)
T	148>tpke85	117	138	3,081,830	9.64	speB (3080896 – 3081816 <)	speA (3081954 – 3083930 <)
	149>t31	52	209	1331692	9.61	topA (1329072 – 1331669 >)	cysB (1331879 – 1332853 >)
	150>p13	249	1729	1268489	9.59	kdsA (1267388 – 1268242 >)	chaA (1269972 – 1271072 <)
srab	151>pkε2	159	159	1145858	9.50	yceF (1145234 – 1145857 <)	yced (1146017 – 1146538 >)
	152>t32	120	127	3478807	9.47	yheR (3478244 – 3478798 <)	yhes (3478926 – 3480839 >)
	153>p14	94	101	402834	9.44	psif (402487 – 402825 >)	yaic (402927 – 404042 >)
	154>t33	61	66	4117936	9.43	mena (4117003 – 4117929 <)	hslU (4117996 – 4119327 <)
	155>k26	88	88	2995624	9.41	yi21.4(2995257 – 2995622 <)	b2862(2995711 – 2996010 <)
	156>p15	150	176	4381201	9.38	yjεA (4380191 – 4381198 >)	yjεM (4381375 – 4382919 >)
	157>t34	185	378	4465014	9.32	trεR (4463873 – 4464820 <)	mgta (4465199 – 4467895 >)
T	158>tpke118	185	185	984,934	9.14	aspc (983742 – 984932 <)	ompf (895117 – 986205 <)
	159>t36	90	111	2309559	9.13	yojL (2308499 – 2309554 <)	ompC (2309666 – 2310769 <)
	160>tel14	192	233	3161499	9.11	plsc (3160760 – 3161497 <)	parC (3161731 – 3163989 <)

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

CANDIDATE NAME	CANDID SIZE	INTERG SIZE	CANDIDATE LOCATION	QRNA SCORE	ADJACENT	ORFS
161>tpε75	186	193	2870845	9.09	b2748(2870532 – 2870843 <)	ygbE (2871037 – 2871360 <)
162>p16	197	237	3208226	8.91	ygdJ (3207171 – 3208184 <)	rpsU (3208422 – 3208637 >)
163>ε8	109	150	463012	8.86	b0441 (461139 – 463010 >)	b0442 (463161 – 463532 >)
164>tel16	74	283	1797175	8.85	phes (1795983 – 1796966 <)	phem (1797250 – 1797294 <)
165>p17	76	76	4182853	8.83	rpoB (4178823 – 4182851 >)	rpoC (4182928 – 4187151 >)
166>t37	54	54	1902772	8.82	manz (1901910 – 1902770 >)	b1820(1902825 – 1903283 >)
167>tp35	65	69	2430968	8.74	fo1C (2429694 – 2430962 <)	accD (2431032 – 2431946 <)
168>tp36	176	180	2458494	8.71	b2342(2457179 – 2458489 <)	b2343(2458670 – 2458978 <)
169>tpke120	300	369	3998739	8.69	y1gE (3998183 – 3998668 <)	corA (3999038 – 3999988 >)
170>tp37	194	195	3534929	8.68	greB (3534414 – 3534926 >)	yhgF (3535122 – 3537344 >)
171>k27	103	110	2720642	8.61	b2584(2717973 – 2720633 >)	psaA (2720744 – 2722102 >)
172>tel8	92	216	1643052	8.59	rem (1642675 – 1642926 <)	relF (1643143 – 1643298 <)
173>tpε79	163	163	75482	8.56	tbpA (74497 – 75480 <)	yabN (75644 – 77299 <)
174>ε9	62	685	3980426	8.54	y1fK (3978500 – 3979885 >)	as1B (3980571 – 3981806 >)
175>p18	104	119	1938219	8.50	msbB (1937246 – 1938217 <)	yeba (1938337 – 1939596 <)
176>tpε80	409	409	4609572	8.46	osmy (4608965 – 4609570 >)	yj1U (4609980 – 4611053 >)
177>k28	64	75	2742137	8.37	yf1B (2741645 – 2742127 >)	rplS (2742203 – 2742550 <)
178>p19	73	148	3274496	8.20	yhaG (3272923 – 3274494 >)	sohA (3274643 – 3274978 >)
179>k29	58	70	2528198	8.14	1ig (2526181 – 2528196 <)	b2412(2528267 – 2529253 <)
180>tp40	245	263	4327822	8.12	yjcz (4326971 – 4327816 >)	prop (4328080 – 4329582 >)
181>tpε83	249	1729	1269024	8.09	kdsA (1267388 – 1268242 >)	chaA (1269972 – 1271072 <)
182>tkε6	122	122	1797296	8.06	phem (1797250 – 1797294 <)	rplT (1797417 – 1797773 <)
183>t43	92	92	4119869	8.05	hslV (4119337 – 4119867 <)	ftsN (4119960 – 4120919 <)
184>k30	188	630	2403505	7.95	nuoA (2402649 – 2403092 <)	1rha (2403723 – 2404661 <)
185>tk15	137	139	3151442	7.95	metC (3150251 – 3151438 >)	yghB (3151578 – 3152237 >)
186>te20	95	110	3208645	7.94	rpsU (3208422 – 3208637 >)	dnaG (3208748 – 3210493 >)
187>ε10	159	375	2496317	7.86	b2379(2495077 – 2496315 <)	b2380(2496691 – 2498388 >)
188>ε11	56	57	2937334	7.83	fucU (2936910 – 2937332 >)	fucR (2937390 – 2938121 >)
189>t45	144	191	460949	7.80	huppB (460675 – 460947 >)	b0441 (461139 – 463010 >)
190>k31	80	90	3034304	7.74	prfB (3033204 – 3034302 <)	recJ (3034393 – 3036126 <)
191>pκ4	103	105	1712299	7.63	b1634(1710793 – 1712295 >)	gst (1712401 – 1713006 >)
192>k32	139	229	643240	7.56	rnk (642780 – 643190 <)	rna (643420 – 644226 <)
193>t47	159	5758	229006	7.56	yaed (222833 – 223408 >)	yaFB (229167 – 229970 >)
194>t48	81	195	1140213	7.55	flgL (1139256 – 1140209 >)	rne (1140405 – 1143590 <)
195>pe13	125	240	230998	7.52	yafC (229967 – 230881 <)	yafD (231122 – 231922 >)
196>t49	109	146	2163351	7.51	b2080(2163172 – 2163543 >)	b2081(2163690 – 2165051 >)
T	197>tpke122	191	3,719,753	7.50	y15B (3718827 – 3719678 >)	glYS (3719957 – 3722026 <)
	198>t50	198	1755137	7.50	pyKF (1753722 – 1755134 >)	1pp (1755445 – 1755681 >)
	199>k34	57	309252	7.49	yagY (308582 – 309250 <)	yagZ (309308 – 309895 <)
	200>k33	185	1318464	7.49	trpC (1316451 – 1317812 <)	trpE (1319408 – 1320970 <)

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

CANDIDATE NAME	CANDID SIZE	INTERG SIZE	CANDIDATE LOCATION	QRNA SCORE	ADJACENT	ORFS
201>e12	65	65	2434671	7.49	usg (2433656 – 2434669 <)	pdxB (2434735 – 2435871 <)
202>ipe85	62	266	3044127	7.44	ygfF (3043178 – 3043921 <)	gcvP (3044188 – 3047061 <)
203>k35	85	85	1300839	7.44	oppA (1299206 – 1300837 >)	oppB (1300923 – 1301843 >)
204>k36	193	367	668153	7.40	ybeB (667942 – 668151 <)	phpB (668519 – 669130 <)
205>e151	197	602	986207	7.35	ompF (985117 – 986205 <)	asnS (986808 – 988208 <)
206>k38	123	156	594691	7.31	b0571 (593983 – 594666 <)	b0572 (594823 – 596196 >)
207>ipe86	198	244	3598462	7.30	rpoH (3597560 – 3598414 <)	ftsX (3598659 – 3599717 <)
208>ip44	100	103	2735517	7.22	yfiA (2735174 – 2735515 >)	phel (2735619 – 2735666 >)
209>e13	99	493	1195607	7.21	icda (1194346 – 1195596 >)	b1137(1196090 – 1196755 <)
210>e52	243	284	3071713	7.12	epd (3070692 – 3071711 <)	yggC (3071996 – 3072709 <)
211>k39	58	126	4003412	7.11	plda (4002473 – 4003342 >)	recQ (4003469 – 4005301 >)
212>pe14	192	330	3255714	7.10	yha0 (3254320 – 3255597 <)	yhaP (3255928 – 3256755 <)
213>k40	115	122	3577279	7.09	yhhW (3576581 – 3577276 <)	yhhX (3577399 – 3578436 <)
214>e54	100	110	1146775	7.03	rpmF (1146590 – 1146763 >)	plsX (1146874 – 1147914 >)
215>ke21	152	155	3325729	7.02	yhbY (3325431 – 3325724 >)	greA (3325880 – 3326341 <)
216>e55	194	5853	2729424	7.00	kguP (2722468 – 2723766 <)	clpB (2729620 – 2732193 <)
217>p23	197	255	1014688	6.99	b0952(1014134 – 1014682 >)	rnf (1014938 – 1015105 >)
218>ip46	197	220	3679595	6.96	yhjJ (3678074 – 3679570 <)	dctA (3679791 – 3681077 <)
219>ipe88	117	528	16979	6.95	gefL (16751 – 16960 <)	nhaA (17489 – 18655 >)
220>e56	94	105	1121839	6.90	pyrC (1120784 – 1121830 <)	yceB (1121936 – 1122496 <)
221>e57	140	151	4277420	6.79	yjcd (4276058 – 4277407 >)	yjce (4277559 – 4279208 >)
222>pkc3	205	621	2922553	6.77	b2792(2921806 – 2922135 <)	syd (2922757 – 2923302 <)
223>e59	199	584	2974125	6.72	aas (2971877 – 2974036 <)	galR (2974621 – 2975652 >)
224>ip47	197	406	418413	6.71	phoR (417113 – 418408 >)	brnQ (418815 – 420134 >)
225>e60	189	238	3787757	6.68	yibd (3786674 – 3787708 <)	tdh (3787947 – 3788972 <)
226>ipkel23	156	157	4175870	6.66	nusG (4175322 – 4175867 >)	rplK (4176025 – 4176453 >)
227>ipe90	121	136	182320	6.62	htrA (180884 – 182308 >)	yaeg (182445 – 183620 >)
228>ip48	108	199	3516988	6.56	arok (3516181 – 3516903 <)	hofq (3517103 – 3518341 <)
229>ip49	183	371	3774748	6.54	yibl (3774292 – 3774654 >)	l1dP (3775026 – 3776681 >)
230>e15	137	137	3844796	6.53	uhpT (3844303 – 3844794 <)	uhpC (3844932 – 3846254 <)
231>k41	67	175	1944003	6.50	ruvA (1943389 – 1944000 <)	yebB (1944176 – 1944877 >)
232>k42	178	780	2753976	6.49	smpB (2752917 – 2753399 >)	intA (2754180 – 2755421 >)
233>k43	160	180	982119	6.43	yccb (980270 – 982117 >)	b0926 (982298 – 982846 >)
234>p24	69	69	1886017	6.42	rnd (1884888 – 1886015 <)	fadd (1886085 – 1887770 <)
235>ip50	129	131	3246466	6.36	yqjB (3246079 – 3246462 >)	yqjC (3246594 – 3246977 >)
236>k46	201	350	892670	6.35	b0853 (892180 – 892656 >)	potF (893007 – 894119 >)
237>k45	84	90	938568	6.34	ycaJ (937217 – 938560 >)	serS (938651 – 939943 >)
238>k44	212	218	3376288	6.34	rplM (3375858 – 3376286 <)	yhcm (3376505 – 3377632 <)
239>ipe92	75	78	2635420	6.31	b2511(2633904 – 2635415 <)	b2512(2635494 – 2636672 <)
240>e162	198	294	1156799	6.23	ycfH (1156000 – 1156797 >)	ptsG (1157092 – 1158525 >)

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

CANDIDATE NAME	CANDID SIZE	INTERG SIZE	CANDIDATE LOCATION	QRNA SCORE	ADJACENT	ORFS
241>tk17	165	165	4260663	6.20	yjbd (4260209 – 4260661 >)	gor (4260827 – 4261810 <)
242>p25	164	174	887194	6.15	b0846 (886646 – 887182 >)	b0847 (887357 – 889042 <)
243>tk18	116	117	219997	6.14	rcaF (219591 – 219995 <)	yaec (220113 – 220928 <)
244>p26	199	303	2378544	6.12	menF (2377368 – 2378438 <)	b2266(2378742 – 2379047 <)
245>tk68	226	366	1435054	6.07	b1377(1433784 – 1434917 <)	b1378(1435284 – 1438808 <)
246>tpc95	291	1729	1269546	6.04	kdsA (1267388 – 1268242 >)	chaA (1269972 – 1271072 <)
247>t63	105	105	3864532	5.97	hs1S (3864096 – 3864530 <)	hs1T (3864636 – 3865049 <)
248>k46	156	234	1932701	5.96	edd (1930817 – 1932628 <)	zwf (1932863 – 1934338 <)
249>p27	73	77	434786	5.96	nusb (434361 – 434780 >)	b0417 (434858 – 435835 >)
250>t64	191	500	1210669	5.91	mcrA (1209569 – 1210402 >)	b1160(1210903 – 1211226 <)
251>tp51	103	104	201998	5.83	lpxD (200971 – 201996 >)	fabz (202101 – 202556 >)
252>e16	198	216	829880	5.82	yb1H (829195 – 829878 <)	rh1E (830095 – 831459 >)
253>pel5	181	266	4155889	5.74	argH (4154429 – 4155802 >)	oxyR (4156069 – 4156986 >)
254>k48	102	103	764274	5.72	sucD (763403 – 764272 >)	farR (764376 – 765098 <)
255>pel6	198	434	3382141	5.70	mdh (3380965 – 3381903 <)	argR (3382338 – 3382808 >)
256>e17	160	595	719685	5.66	speF (717485 – 719683 <)	kdpE (720279 – 720956 <)
257>p28	126	129	4421969	5.58	b4198(4421278 – 4421964 >)	yjfy (4422094 – 4422369 <)
258>t68	151	306	1416267	5.58	ydad (1416032 – 1416265 <)	sieb (1416572 – 1417183 >)
259>tp53	116	213	3597348	5.57	livJ (3596186 – 3597346 <)	rpoH (3597560 – 3598414 <)
260>t70	59	684	925385	5.57	clpA (922487 – 924763 >)	infA (925448 – 925666 <)
261>t71	124	126	2809324	5.55	emrR (2808791 – 2809321 >)	emrA (2809448 – 2810620 >)
262>p29	146	148	4103904	5.54	b3914(4103532 – 4103900 >)	y11P (4104049 – 4104951 >)
263>k49	59	61	1227965	5.46	b1180(1227302 – 1227961 >)	b1181(1228023 – 1228499 >)
264>t23	93	96	4112054	5.38	fpr (4111306 – 4112052 <)	glpX (4112149 – 4113159 <)
265>p30	290	536	3769619	5.37	y1b1 (3769009 – 3769371 <)	mt1A (3769908 – 3771821 >)
266>tp54	79	79	2821794	5.32	recA (2820731 – 2821792 <)	ygab (2821872 – 2822369 <)
267>e19	108	108	3306567	5.32	yhbM (3305681 – 3306565 <)	pnp (3306674 – 3308878 <)
268>k51	60	155	107497	5.17	lpxC (106557 – 107474 >)	yaca (107630 – 108217 >)
269>t74	103	119	1152418	5.17	fabF (1151162 – 1152403 >)	pabc (1152523 – 1153332 >)
270>tp55	197	459	450836	5.16	cyoA (449887 – 450834 <)	ampG (451294 – 452769 <)
271>t75	149	153	3303464	5.14	mtr (3302214 – 3303458 <)	dead (3303612 – 3305552 <)
272>k52	141	141	484845	5.09	acrA (483650 – 484843 <)	acrR (484985 – 485632 >)
273>p31	95	100	1687778	5.05	mana (1686600 – 1687775 >)	b1614(1687876 – 1689384 >)
274>t77	110	137	2969166	5.05	b2832(2968442 – 2969155 >)	b2833(2969293 – 2969511 >)
275>p32	87	152	2465734	5.03	yf4B (2464565 – 2465722 >)	b2350(2465875 – 2466237 >)