SUPPLEMENTARY TABLE LEGENDS

Supplementary Table 1. 54 tRFs expressed in *Escherichia coli.*

Supplementary Table 2. 20 tRFs expressed in *Vibrio cholera.*

Supplementary Table 3. 31 tRFs expressed in *Staphylococcus aureus.*

Supplementary Table 4. 48 tRFs expressed in *Pseudomonas aeruginosa.*

Supplementary Table 5. tRNA-Thr-CGT-1-1, 44-73 is 100% complementary to 29 distinct, annotated *Salmonella enterica*-infecting bacteriophage genomes. Accn, Common Name, Start and Stop positions all correspond to phage genomes in the bacterial bioinformatics PathoSystems Resource Integration Center (PATRIC)[33].

Supplementary Table 6. Oligonucleotide master list. All oligonucleotides were synthesized by IDT DNA Technologies (Coralville, IA) at 100μM scale and HPLC purified.

Supplementary Table 1. *E. coli* trf SRR expressions (RPM)

E. coli tRFs				
Precursor tRNA	Position	tRF Sequence	SRR13093884	SRR15054657
tRNA-Ala-TGC-2-1	58 - 78	UCGAUCCCGCAUAGCUCCACC	19346	0
tRNA-Pro-CGG-1-1	45 - 75	GGUCGGAGGUUCGAAUCCUCUAUCACCGACC	706	0
tRNA-Tyr-GTA-3-1	72 - 95	GGUUCAACUCCCGCCAGCUCCACC	0	0
tRNA-Met-CAT-2-1	53 - 75	GUUCGAAUCCCGUCGUAGCCACC	13072	0
tRNA-Pro-GGG-2-1	49 - 77	UCGGAGGUUCAAAUCCUCUCGUGCCGACC	5980	0
tRNA-Ile-GAT-2-1	57 - 77	UCAAGUCCACUCAGGCCUACC	1931	0
tRNA-Pro-TGG-1-1	50 - 74	GAGGUUCGAAUCCUCUCUCGCCGAC	4770	0
tRNA-Thr-CGT-2-1	**48 - 77**	**AGGUCGUAGGUUCGACUCCUAUUAUCGGCA**	**30120**	**0**
tRNA-Tyr-GTA-2-1	64 - 84	UCGAAUCCUUCCCCCACCACC	7919	0
tRNA-Thr-TGT-2-1	51 - 74	CAGUUCGAUUCCGGUAGUCGGCAC	74155	4
tRNA-Ala-GGC-2-1	1 - 23	GGGGCUAUAGCUCAGCUGGGAGA	5044	0
tRNA-Asp-GTC-2-1	1 - 27	GGAGCGGUAGUUCAGUCGGUUAGAAUA	0	0
tRNA-Val-TAC-2-1	52 - 76	GGUUCGAUCCCGUCAUCACCCACCA	10339	0
tRNA-Ile-GAT-3-1	1 - 38	AGGCUUGUAGCUCAGGUGGUUAGAGCGCACCCCUGAUA	0	0
tRNA-Gly-GCC-2-1	52 - 75	GAGUUCGAGUCUCGUUUCCCGCUC	6425	0
tRNA-Glu-TTC-1-1	1 - 22	GUCCCCUUCGUCUAGAGGCCCA	0	0
tRNA-Gly-GCC-2-1	2 - 22	CGGGAAUAGCUCAGUUGGUAG	0	0
tRNA-Ser-GCT-1-1	1 - 19	GGUGAGGUGGCCGAGAGGC	0	0
tRNA-Ser-AGA-1-1	1 - 18	GUCCGCAGCUGGCAAGCG	0	0
tRNA-Thr-GGT-3-1	56 - 76	UCGACUCUGGGUAUCAGCACC	8198	0
tRNA-Arg-CCG-1-1	1 - 37	GCGCCCGUAGCUCAGCUGGAUAGAGCGCUGCCCUCCG	0	1330
tRNA-Gln-CTG-1-1	43 - 74	CAUUCCGAGGUUCGAAUCCUCGUACCCCAGCC	4119	0
tRNA-Phe-GAA-1-1	56 - 75	CGAUUCCGAGUCCGGGCACC	8365	0
tRNA-Arg-CCG-1-1	57 - 77	CGAAUCCUGUCGGGCGCGCCA	10450	0
tRNA-Ser-TGA-1-1	67 - 87	UCGAAUCUCUGCGCUUCCGCC	18870	0
tRNA-Gly-TCC-1-1	49 - 72	GGGUUCGAUUCCCGCUGCCCGCUC	1627	10
tRNA-Pro-TGG-2-1	52 - 71	GAAUCCCAUUAGCCACCCCA	4307	0
tRNA-Thr-TGT-2-1	1 - 38	GCCGACUUAGCUCAGUAGGUAGAGCAACUGACUUGUAA	0	176
tRNA-Leu-CAA-1-1	60 - 81	GGUUCGAGUCCGGCCUUCGGCACC	1999	0
tRNA-Leu-CAG-2-1	1 - 27	GCGAAGGUGGCGGAAUUGGUAGACGCG	0	0
tRNA-Leu-GAG-1-1	59 - 87	UACGGGUUCAAGUCCCGUCCUCGGUACCA	13314	0
tRNA-Glu-TTC-1-1	40 - 74	GGCGGUAACAGGGGUUCGAAUCCCCUAGGGGACGC	68741	0
tRNA-Asn-GTT-2-1	54 - 74	UCGAGUCCAGUCAGAGGAGCC	29633	0
tRNA-Arg-TCT-3-1	41 - 60	CGAAUCCUGCAGGGCGCGCC	930	0
tRNA-Gly-CCC-1-1	52 - 73	UUCGAUUCCCUUCGCCCGCUCC	503	0
tRNA-Cys-GCA-1-1	54 - 73	CGACUCCGGAACGCGCCUCC	10326	0
tRNA-Gln-TTG-1-1	46 - 74	UCCCUGGUUCGAAUCCAGGUACCCCAGCC	9296	0
tRNA-Ile2-CAT-2-1	56 - 75	CAAGUCCAGCAGGGGCCACC	334	0
tRNA-Arg-ACG-2-1	57 - 76	CGAAUCCUCCCGGAUGCACC	4280	0
tRNA-Ser-GCT-1-1	74 - 93	CGAAUCCCCGCCUCACCGCC	7214	0
tRNA-Ser-CGA-1-1	70 - 89	CAAAUCCCCCUCUCUCCGCC	140	0
tRNA-Tyr-GTA-2-1	1 - 31	GGUGGGGUUCCCGAGCGGCCAAAGGGAGCAG	0	0
tRNA-Val-TAC-2-1	1 - 29	GGGUGAUUAGCUCAGCUGGGAGAGCACCU	0	0
tRNA-Asp-GTC-2-1	56 - 76	CGAGUCCCGUCCGUUCCGCCA	0	0
tRNA-Met-CAT-2-1	1 - 18	GGCUACGUAGCUCAGUUG	0	814
tRNA-Trp-CCA-1-1	53 - 76	GUUCGAGUCUCUCCGCCCCUGCCA	0	0
tRNA-Leu-TAG-1-1	1 - 35	GCGGGAGUGGCGAAAUUGGUAGACGCACCAGAUUU	0	0
tRNA-Val-GAC-2-1	2 - 29	CGUUCAUAGCUCAGUUGGUUAGAGCACC	0	0
tRNA-Val-GAC-1-1	54 - 74	CGAGUCCACUCGGACGCACCA	0	0
tRNA-Phe-GAA-2-1	1 - 28	GCCCGGAUAGCUCAGUCGGUAGAGCAGG	177	0
tRNA-fMet-CAT-3-1	57 - 77	CAAAUCCGGCCCCCGCAACCA	5367	0
tRNA-Pro-CGG-1-1	1 - 28	CGGUGAUUGGCGCAGCCUGGUAGCGCAC	0	0
tRNA-Leu-TAA-1-1	67 - 86	CAAGUCCCGCUCCGGGUACC	3859	0
tRNA-Pro-GGG-1-1	1 - 28	CGGCACGUAGCGCAGCCUGGUAGCGCAC	0	0

SRR13093879	SRR13093877	SRR15054658	SRR15054661	SRR13093873	SRR15054660	SRR13093882	SRR13354569
4428	2352	0	0	169	0	689	208
386	0	0	0	28	0	0	169
52	366	0	0	46	0	231	0
12421	2305	0	0	188	0	694	0
1892	855	0	0	297	0	696	0
544	886	0	0	49	9	292	78
2131	1394	0	0	202	0	0	68
70304	**24624**	**7**	**13**	**2070**	**18**	**959**	**81**
619	315	0	0	0	0	332	127
103228	32803	4	0	3341	8	3554	204
0	0	54	0	0	0	1316	1556
0	0	0	0	0	33	0	3387
4132	1002	0	0	219	0	396	273
0	0	0	0	223	0	0	928
1745	1499	0	0	368	0	1078	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1456
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
10251	3114	0	0	158	0	423	136
0	0	1280	994	0	1729	0	0
5153	1134	0	0	129	0	97	0
6629	2804	0	0	369	0	444	280
15924	5081	0	0	337	0	414	0
25742	5552	0	0	472	0	350	55
687	761	0	6	103	12	150	0
1532	549	0	0	0	0	0	55
0	0	645	251	0	0	0	274
1881	508	0	0	93	0	0	73
0	1604	0	0	0	0	3202	3934
8418	1990	0	0	1712	0	947	0
8665	2977	0	0	3399	0	9999	518
27575	24795	0	0	1464	0	5108	1019
2055	937	0	0	109	0	71	0
224	112	0	0	11	0	39	0
8787	6046	0	0	617	0	422	0
8790	3921	0	0	507	0	523	0
92	82	0	0	0	0	52	0
0	0	0	0	263	0	0	119
2599	0	0	0	0	0	0	0
63	21	0	0	0	0	0	0
0	0	0	0	0	0	0	108
0	0	492	0	0	451	0	825
14846	3793	0	0	0	0	0	0
0	0	0	0	0	802	0	0
1657	1037	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	19	0	0	0	0	1143
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0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	148
0	0	0	0	0	0	0	0
0	0	0	0	341	0	0	0

SRR13093869	SRR13093874	SRR15054654	SRR6314018	SRR13093881	SRR15054659	SRR15054663	SRR13093871
3421	824	5	5	2582	5	6	9342
173	105	0	0	361	0	0	240
1051	249	0	0	356	0	0	596
2717	883	0	0	3770	0	0	12620
1284	3030	0	0	8016	0	0	2023
876	319	0	0	1303	0	5	620
3179	864	0	0	3706	0	0	3380
33001	**6339**	**4**	**0**	**13665**	**6**	**5**	**51055**
728	244	0	16	1149	0	0	1154
40105	15805	9	0	26882	0	0	88675
0	0	0	0	0	66	133	0
0	0	46	0	0	52	93	0
1462	864	0	144	2703	0	0	9885
0	1412	0	0	0	0	0	0
2874	1143	0	0	1185	0	0	3204
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0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
3733	1223	0	0	3027	0	0	8102
0	0	1719	0	0	1228	1306	0
2842	370	0	84	1134	0	0	11087
3626	1204	0	0	3009	0	0	4600
4277	1216	0	0	3635	0	0	12869
11404	2150	0	67	5061	0	0	20254
1850	320	0	0	993	4	0	2030
487	0	0	0	706	0	0	1235
0	0	0	0	0	458	469	0
514	275	0	7	480	0	0	1014
0	0	0	0	4993	0	0	0
2232	3754	0	0	2041	0	0	4363
4483	5063	0	0	6695	0	0	11730
37353	6424	0	0	19699	0	0	27934
1797	433	0	0	869	0	0	2581
277	58	0	0	204	0	0	471
8377	2694	0	0	6626	0	0	9016
10940	1209	0	0	3552	0	0	17851
157	45	0	0	239	0	0	117
1998	938	0	0	2624	0	0	5047
1914	416	0	0	1665	0	0	4394
113	0	0	0	65	0	0	148
0	0	0	0	0	0	0	0
0	0	829	0	0	681	757	0
8456	0	0	0	5309	0	0	29470
0	0	0	0	0	707	0	0
2978	0	0	0	1843	0	0	4089
0	0	0	0	0	0	0	0
0	0	0	0	0	0	92	0
0	0	0	0	662	0	0	0
0	58	0	0	0	0	0	0
1524	0	0	0	1376	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

SRR13093880	SRR15054662	SRR13093878	SRR13093872	SRR13093883	SRR13093876	SRR15054655	SRR13093875
2425	0	0	2720	13018	4787	0	2687
176	0	0	309	634	542	0	224
100	0	243	0	23	59	0	63
6096	66	0	8611	15819	7557	0	4400
1290	0	40	1215	7641	3384	0	3681
1112	6	34	573	3415	657	0	0
2150	0	0	1817	7240	1720	0	1310
31934	**7**	**580**	**34205**	**36060**	**33803**	**7**	**31108**
441	0	0	592	8229	2627	0	1721
74356	0	1685	83133	65342	87411	0	54212
0	61	0	0	0	0	70	0
0	0	0	0	0	0	0	0
2133	0	0	2781	11762	3990	0	2964
0	0	0	0	0	0	0	2568
1867	0	181	1570	7254	2784	0	2043
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
10133	0	155	10219	7912	5212	0	2423
0	2913	0	0	0	0	1637	0
1357	0	0	5260	2905	2692	0	3177
5084	0	49	5375	6238	6126	0	4455
4583	0	0	9297	7026	8201	0	7785
13685	0	154	20877	9635	17431	0	10479
861	6	0	617	1197	1771	0	1307
575	0	0	1236	1646	2110	0	1111
0	475	0	0	0	0	422	0
927	0	41	940	1496	1648	0	1557
7681	293	0	0	0	0	0	0
7381	0	606	5080	12527	61953	0	75057
14707	0	997	7661	104982	15105	0	16576
21961	0	1469	20936	31662	37931	0	26922
1940	0	48	1667	782	1704	0	1881
268	0	0	209	413	494	0	257
7707	0	0	9892	8753	9043	0	3869
6623	0	0	8231	9519	6885	0	11251
101	0	0	53	493	103	0	84
0	0	0	2092	6322	3348	0	3194
1535	0	0	1901	3672	3909	0	2808
0	0	0	61	102	148	0	133
0	10	0	0	0	0	0	0
0	0	0	0	0	0	0	0
11972	0	0	11975	0	0	0	0
0	0	0	0	0	0	0	0
2064	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	41	0	0	0	0	72	0
0	0	0	0	0	0	0	0
0	0	0	0	0	1064	0	0
0	0	0	0	0	0	0	0
0	0	0	420	0	0	0	0
0	0	0	0	5337	0	0	0
0	0	0	0	0	17942	0	0

SRR13093870	SRR15054667	SRR15054673	SRR15054693	SRR15054668	SRR15054686	SRR15054669	SRR15054666
1329	0	0	7	0	5	0	0
0	0	0	0	0	0	0	0
374	0	0	0	0	0	0	0
736	22	0	0	0	0	0	0
466	0	0	0	0	0	0	0
375	0	0	0	0	0	0	0
935	0	0	0	0	0	0	0
7871	**0**	**0**	**0**	**0**	**0**	**0**	**0**
303	0	0	0	0	0	0	0
16683	8	0	100	0	79	0	0
0	69	63	0	77	72	0	48
0	0	0	0	0	0	0	0
626	0	0	0	0	579	0	0
0	0	0	0	0	0	0	0
1319	30	0	0	0	0	0	23
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0
0	1897	3352	2181	811	1013	2185	1197
778	0	0	0	0	0	0	0
1348	0	0	0	0	0	0	0
1150	0	0	0	0	0	0	0
3226	0	0	0	0	0	0	0
716	0	0	0	0	0	0	0
0	0	0	0	0	19	0	0
0	624	374	0	392	239	683	478
178	0	0	0	0	0	0	0
0	0	0	0	42	0	176	0
1508	0	0	0	0	0	0	0
3126	0	0	0	0	0	0	0
11797	0	0	0	0	0	0	0
879	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0
1498	0	0	0	0	0	0	0
3806	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0
850	0	0	0	0	0	0	0
995	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	441	334	0	0	0	392	0
2759	0	0	0	0	0	0	0
0	458	608	0	0	0	569	0
946	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0
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0	0	0	39	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	**0**	**0**	**0**	**0**	**0**	**0**	**0**
0	0	0	0	0	0	0	0
0	97	165	0	10	72	0	22
37	0	0	0	34	0	0	0
63	0	0	108	0	0	31	0
0	234	647	0	244	381	0	0
0	0	0	0	0	0	0	0
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803	0	0	1512	0	1183	1451	860
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0	25	34	0	0	26	0	28
0	333	0	498	0	0	676	361
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0	0	0	0	0	0	516	0
0	0	0	0	0	0	0	0
598	0	0	553	0	0	0	0
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0	0	106	138	203	98	0	0
0	3690	104	63	78	97	1864	4085
0	16	0	0	3	4	19	0
0	0	410	363	403	452	0	0
0	0	0	0	0	13	85	253
0	**998**	**0**	**0**	**0**	**0**	**2474**	**992**
0	0	27	27	0	32	0	0
56	0	0	0	0	0	0	0
0	0	201	204	111	303	0	0
0	0	3847	1352	1939	2040	0	0
266	0	0	0	0	0	0	253
0	0	9239	5900	7137	8809	0	0
0	0	0	0	0	0	0	0
0	0	3856	2366	3655	3537	0	0
0	0	386	235	148	336	0	0
0	0	859	1202	368	1322	0	0
0	0	287	602	309	381	0	0
0	0	0	0	0	0	0	0
634	0	0	0	0	0	0	0
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21	0	0	0	0	0	0	0
278	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	32	27	24	22	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	169
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0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	34	21	0	27	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	516	0	0	381	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

SRR12762135	SRR12762133	SRR15054698	SRR15054694	SRR12762132	SRR15054699	SRR12762130	SRR15054695
7	10	0	76	16	99	11	62
5	6	68	103	6	124	5	399
88	126	0	0	114	19	106	42
0	0	7807	3060	0	4504	149	13600
4	6	0	0	4	25	3	113
375	528	0	0	406	0	480	0
0	0	202	146	0	153	0	412
0	**0**	**3345**	**2451**	**0**	**2745**	**0**	**6031**
26	28	0	0	33	0	47	0
0	0	0	0	0	0	0	0
223	234	0	0	254	0	0	0
3212	1758	0	0	1988	0	3688	0
0	0	0	168	0	270	0	0
9953	8757	0	0	7531	0	10293	0
0	0	0	0	0	0	0	0
4653	3916	0	0	4112	0	4457	0
340	335	0	0	334	0	441	0
963	701	0	0	1021	0	823	0
238	297	0	0	510	0	530	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
25	28	0	0	45	0	48	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
20	34	0	0	61	0	32	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
596	531	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

SRR12762129	SRR12762134	SRR15054700	SRR15054703	SRR12762146	SRR12762142	SRR12762149	SRR12130333
4	5	0	24	0	0	0	27
6	0	66	122	6	8	7	0
176	155	0	0	57	68	57	0
0	60	8469	3433	0	0	0	10
4	7	0	0	4	0	0	0
183	161	0	0	0	82	87	0
0	16	106	120	19	18	24	30
0	**0**	**4458**	**2123**	**0**	**0**	**0**	**0**
0	62	0	0	29	0	0	57
0	0	0	0	0	0	0	75
103	0	0	0	28	42	29	0
1225	1300	0	0	675	778	313	0
0	0	0	0	0	0	0	24
3221	2389	0	0	1532	1343	1057	0
0	0	0	0	0	0	43	0
1572	1087	0	0	606	476	242	0
153	260	0	0	90	173	89	0
447	824	0	0	117	105	65	0
361	464	0	0	170	110	161	0
0	0	0	0	0	0	0	182
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	23
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	17
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
26	11	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	37	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

SRR12762138	SRR12130332	SRR12130331	SRR12130334	SRR12130335	SRR12762148	SRR12762139	SRR12762141
0	398	930	47	54	0	0	0
0	73	100	8	10	11	6	10
80	0	0	0	0	83	48	152
0	176	628	48	20	0	0	0
0	39	31	20	7	5	0	3
0	59	42	14	10	0	0	0
0	240	290	100	61	21	0	0
0	**292**	**390**	**0**	**53**	**0**	**0**	**0**
7	0	716	49	0	0	8	0
0	1836	3056	50	306	0	0	0
0	0	0	0	0	33	0	29
888	0	0	0	0	1170	1088	819
0	291	673	49	46	0	0	0
545	0	0	0	0	1623	642	751
105	358	691	0	0	61	81	99
408	93	0	77	0	577	375	491
209	0	0	0	0	137	203	212
137	0	0	0	0	120	124	96
266	0	0	0	0	146	128	260
0	21498	5877	2548	625	0	0	0
0	0	0	0	0	0	0	0
0	185	434	56	132	0	0	0
0	267	269	24	0	0	0	0
0	344	525	405	32	0	0	0
0	778	1915	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	133	13	0	0	0	0
0	0	0	0	0	0	0	0
0	0	96	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	474	0	218	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	190	0	0	0	0	0
0	0	150	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	172	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	145	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

SRR12762136	SRR12762143	SRR12762137	SRR12762145	SRR12762144	SRR12762140	SRR12130330	SRR12762147
9	0	17	0	0	0	28	0
5	5	10	4	5	3	0	0
102	66	174	57	71	76	0	63
0	0	71	0	0	0	8	0
5	0	6	0	6	0	9	0
593	0	507	53	0	0	0	0
0	25	17	21	0	0	9	0
0	**0**	**0**	**0**	**0**	**0**	**0**	**0**
16	16	44	0	0	0	24	3
0	0	0	0	0	0	0	0
276	36	0	0	34	32	0	20
2596	890	1288	1052	965	546	0	542
0	0	0	0	0	0	25	0
11231	1374	7355	1245	1177	853	0	931
0	0	0	0	53	91	0	0
4035	736	2511	387	746	610	0	411
321	142	218	136	157	172	0	163
860	160	829	106	144	104	0	66
381	205	404	95	176	244	0	3501
0	0	0	0	0	0	144	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
529	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

#SRR
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Supplementary Table 2. *V. cholerae* trf SRR expressions (RPM)

V. cholerae tRFs													
Precursor tRNA	Position	tRF Sequence	SRR11431928	SRR11431929	SRR11431930	SRR11431931	SRR11431932	SRR11431933	SRR11431934	SRR11431935	SRR11431936	SRR11431937	# SRR
tRNA-Pro-TGG-1-1	39 - 76	ACCAGAGGGUCGGGGGUUCGAAUCCCUCUUCACCGACC	27595	23762	12379	30612	30039	38809	37168	29081	39535	34048	10
tRNA-Gln-TTG-1-1	46 - 75	ACCCAGGUUCGAAUCCUGGCAGACCUGCCA	17573	21137	12582	11560	12482	13058	14865	18110	0	18468	9
tRNA-Gln-TTG-2-1	46 - 75	ACCUAGGUUCGAAUCCUAGCAGACCUGCCA	49723	51067	36962	41273	47162	48480	54610	50291	30094	54679	10
tRNA-Arg-ACG-3-1	49 - 76	CAGAGGUUCGAAUCCUCUCGGACGCGCC	5849	8909	4084	9931	11025	9471	9167	8952	4832	9415	10
tRNA-Trp-CCA-1-1	39 - 76	AUCCGCGUGUUGGGAGUUCGAAUCUCUCCACCCCUGCC	23085	23712	15166	18542	31511	32202	36346	31492	32050	30014	10
tRNA-Cys-GCA-1-1	37 - 73	AUCCGUGGACCUCGGUUCGACUCCGGGACGCGCCUCC	13920	17630	7895	6650	7861	7202	9187	12850	13381	11045	10
tRNA-Thr-GGT-2-1	41 - 75	AUGAGGUCCCCAGUUCGAUUCUGGGUAUCAGCACC	1686	0	0	0	0	0	0	0	0	0	1
tRNA-Arg-ACG-3-1	49 - 76	CAGAGGUUCGAAUCCUCUCGGACGCGCC	5849	8909	4084	9931	11025	9471	9167	8952	4832	9415	10
tRNA-Gln-TTG-3-1	46 - 75	CCCAUGGUUCGAAUCCAUGUAGACCUGCCA	2321	1889	1756	15693	23077	23202	27530	14736	0	18776	9
tRNA-Val-GAC-1-1	49 - 76	CGGUGGUUCGAGUCCACUCGGACGCACC	690	2604	926	1599	1620	1704	1287	1650	1571	1649	10
tRNA-Und-NNN-1-1	54 - 81	CGGUGGUUCGAGUCCACUUAGACGCACC	1273	3366	1267	2665	1867	1729	1331	2035	1375	1819	10
tRNA-Phe-GAA-1-1	48 - 75	CGGUGGUUCGAUUCCGCCUCCGGGCACC	21627	27472	13129	18585	20110	25780	22962	18321	19147	18814	10
tRNA-His-GTG-1-1	48 - 76	CGUGGGUUCGAGCCCCAUUAGCCACCCCA	0	8661	0	8192	9633	8424	11631	0	0	0	5
tRNA-Leu-CAG-2-1	61 - 85	GGUUCAAGUCCCUCCUUCCGCACCA	74	1980	536	0	1142	491	425	981	0	630	8
tRNA-Leu-TAG-2-1	62 - 84	GUUCAAGUCUCUUCUUCCGCACC	1296	4386	2580	5212	5940	4653	4088	3945	1351	4000	10
tRNA-Ala-TGC-2-1	60 - 77	UCCCGCAUAACUCCACCA	0	462	251	272	481	415	320	546	0	410	8
tRNA-Cys-GCA-2-1	38 - 73	UCCGUGAACCUCGGUUCGACUCCGGGACGCGCCUCC	5970	9683	4099	6942	8180	7847	9917	4890	5165	4273	10
tRNA-Tyr-GTA-2-1	60 - 84	UGGUUCGAAUCCGUCCCCCUCCACC	0	6118	3233	4236	5391	3622	4018	4270	0	4444	8
tRNA-Pro-GGG-1-1	39 - 76	UGUCGGGGGUCGGAGGUUCAAAUCCUCUCAGUCCGACC	3694	0	0	0	0	0	0	0	0	0	1
tRNA-Und-NNN-2-1	32 - 53	UUCAAAUCCAGCCCCCGCAACC	46	148	0	423	523	391	350	227	182	267	9

Supplementary Table 3. *S. aureus* trf SRR expressions (RPM)

S. aureus tRFs										
Precursor-tRNA	Position	tRF Sequence	SRR10547923	SRR10547931	SRR10547932	SRR8110778	SRR8110779	SRR8110780	SRR8110781	#SRR
tRNA-Thr-TGT-2-1	56 - 75	CAAGUCCUCUGGCCGGCACC	20	13	15	2798	435	11035	1960	7
tRNA-Leu-TAA-1-1	69 - 87	CGAUUCCGGUCCUCGGCAC	21	11	14	1513	491	10332	2326	7
tRNA-fMet-CAT-1-1	1 - 26	CGCGGGAUGGAGCAGUUCGGUAGCUC	86	60	59	365	0	1023	1153	6
tRNA-Trp-CCA-1-1	1 - 23	AGGGGCAUAGUUCAACGGUAGAA	6	3	2	368	0	0	161	5
tRNA-Pro-TGG-1-1	1 - 24	CGGGAAGUAGCUCAGCUUGGUAGA	29	0	23	443	0	1477	861	5
tRNA-Gly-TCC-3-1	1 - 23	GCGGGAGUAGUUCAACUUUUAGA	3	3	0	342	0	677	202	5
tRNA-Trp-CCA-1-1	53 - 73	UCGAUUCCUACUGCCCCUGCC	3	2	2	0	0	4988	385	5
tRNA-Arg-ACG-1-1	55 - 76	UUCGACUCCUAUCGGGCGCGCC	8	0	6	2967	0	17131	1826	5
tRNA-Glu-TTC-1-1	53 - 72	UUCGAGUCCCGUAGGAGUCA	23	14	15	0	0	1088	410	5
tRNA-Asp-GTC-1-1	58 - 76	AUUCCCGUCGAGACCGCCA	0	0	0	3140	1487	19712	2575	4
tRNA-Asn-GTT-1-1	54 - 75	UCGAGUCCUACCUGUGGAGCCA	0	0	0	2038	379	16602	1451	4
tRNA-Ala-TGC-1-1	54 - 74	UUCGAUCCCGCUAGUCUCCAC	36	0	28	0	0	886	156	4
tRNA-Gln-TTG-1-1	41 - 73	GUCACUCGUUGGUUCGAAUCCAGCUAGCCCAGC	0	0	0	525	0	4876	503	3
tRNA-Gly-GCC-2-1	57 - 74	AAUCCCGUCUUCUGCUCC	0	0	0	2051	0	8851	661	3
tRNA-Gln-TTG-2-1	31 - 50	CUUUGACUCCGUCACUCGUU	56	27	29	0	0	0	0	3
tRNA-Arg-ACG-2-1	1 - 26	GCGCCCGUAGCUCAAUUGGAUAGAGC	22	20	15	0	0	0	0	3
tRNA-Gly-TCC-1-1	1 - 20	GCGGGUGUAGUUUAAUGGCA	0	0	0	499	0	1111	246	3
tRNA-Ala-TGC-1-1	3 - 23	GGGCUUAGCUCAGCUGGGAGA	44	0	0	0	0	1030	380	3
tRNA-Val-TAC-2-1	8 - 25	UAGCUCAGCUGGGAGAGC	36	60	42	0	0	0	0	3
tRNA-Ser-TGA-2-1	72 - 92	UCGAAUCCCUCUUCCUCCGCC	0	0	0	1445	0	12591	659	3
tRNA-Leu-TAG-1-1	64 - 82	UCGACUCCCUUCACCCGCA	0	0	0	274	0	4549	303	3
tRNA-Phe-GAA-1-1	43 - 72	UGUGUCGGCAGUUCGACUCUGUCCUGAACC	0	0	0	691	0	13560	544	3
tRNA-Val-TAC-2-1	54 - 75	UUCGAACCCGUCAUUCUCCACC	0	0	0	329	0	3052	279	3
tRNA-Ala-TGC-1-1	54 - 74	UUCGAUCCCGCUAGUCUCCAC	36	0	28	0	0	886	0	3
tRNA-Gly-GCC-2-1	19 - 42	AACCUUGCCAAGGUUGGGGUCGCG	37	20	0	0	0	0	0	2
tRNA-Met-CAT-1-1	1 - 24	GGCGGUGUAGCUCAGCUGGCUAGA	0	0	0	0	0	325	426	2
tRNA-Asp-GTC-2-1	1 - 28	GGUCUCGUAGUGUAGCGGUUAACACGCC	0	0	0	258	0	0	519	2
tRNA-Gly-GCC-2-1	40 - 61	UUGGGGUCGCGGGUUCGAAUCC	0	32	40	0	0	0	0	2
tRNA-Ser-GCT-1-1	71 - 89	UCGAAUCCCUCCGUUUCCG	0	0	0	0	0	1700	0	1
tRNA-His-GTG-1-1	55 - 75	UCGAUCCCCUUCAGCCGCCCC	0	0	0	0	0	2240	0	1
tRNA-Ser-GGA-1-1	70 - 88	UUCGAAUCCCUUACCUUCC	0	0	0	0	0	415	0	1

Supplementary Table 4. *P. aeruginosa* trf SRR expressions (RPM)

P. aeruginosa tRFs												
Precursor tRNA	Position	tRF Sequence	SRR2138250	SRR2138253	SRR2138254	SRR15838173	SRR15838174	SRR15838175	SRR15838176	SRR15838177	SRR15838178	#SRR
tRNA-Phe-GAA-2-1	46 - 67	UUCGAUUCCGUCCCUGGGCACC	19	47652	29182	7	5	6	4	4	4	9
tRNA-Ile-GAT-2-1	54 - 75	UCGAAUCUGCCCAGACCCACCA	0	1844	676	5	5	4	7	9	9	8
tRNA-Arg-ACG-1-1	1 - 34	GCACUCAUAGCUCAGCUGGAUAGAGUACUCGGCU	0	0	0	80	81	75	122	378	213	6
tRNA-fMet-CAT-1-1	1 - 34	CGCGGGGUGGAGCAGUCUGGUAGCUCGUCGGGCU	0	0	0	370	357	359	817	1750	1168	6
tRNA-Ile-GAT-2-1	1 - 34	GGGUCUGUAGCUCAGUUGGUUAGAGCGCACCCCU	0	0	0	45	40	44	16	23	22	6
tRNA-Leu-TAG-1-1	1 - 34	GCGGACGUGGUGGAAUUGGUAGACACACUGGAUU	0	0	0	21	19	19	69	128	97	6
tRNA-Pro-CGG-1-1	1 - 34	CGGAGCGUAGCGCAGCUUGGUAGCGCGUCUCGUU	0	0	0	155	156	151	519	1032	826	6
tRNA-Pro-GGG-1-1	1 - 35	CGGGGCGUAGCGCAGCCUGGUAGCGCACUUGCAUG	0	0	0	28	30	32	67	155	91	6
tRNA-Thr-CGT-1-1	1 - 34	GCCGGAUUAGCUCAGUCGGUAGAGCAGCUCAUUC	0	0	0	48	47	44	63	151	99	6
tRNA-Thr-GGT-1-1	1 - 34	GCUCAUGUAGCUCAGUUGGUAGAGCACACCCUUG	0	0	0	67	77	73	112	292	144	6
tRNA-Gly-GCC-2-1	84 - 106	GUUCGAGUCUCGUUUCCCGCUCC	0	1211	567	6	4	4	0	0	0	5
tRNA-Lys-TTT-2-1	79 - 99	UCGAAUCCUACACGACCCACC	0	2202	1356	3	3	3	0	0	0	5
tRNA-Met-CAT-1-1	56 - 75	UCAAGUCCCGGUGUAGCCAC	9	9150	8279	0	0	0	0	4	2	5
tRNA-Ser-CGA-1-1	3 - 31	AGAGAUGCCGGAGUGGUCGAACGGGACGG	18	0	0	0	0	0	26	43	33	4
tRNA-Ala-GGC-1-1	1 - 34	GGGGCUAUAGCUCAGCUGGGAGAGCGCUUGCAUG	0	0	0	0	0	0	684	1723	1062	3
tRNA-Arg-CCT-2-1	54 - 73	UCGACCCCUCUCCGGGACGC	7	346	200	0	0	0	0	0	0	3
tRNA-Asn-GTT-1-1	1 - 35	UCCGCGAUAGCUCAGUCGGUAGAGCAAAUGACUGU	0	0	0	0	0	0	47	65	46	3
tRNA-Asn-GTT-1-1	56 - 76	CGAGUCCAGGUCGCGGAGCCA	305	175657	99837	0	0	0	0	0	0	3
tRNA-Asp-GTC-2-1	56 - 77	UCGAGUCCCGUCCGCUGCGCCA	189	5950	2437	0	0	0	0	0	0	3
tRNA-fMet-CAT-2-1	1 - 34	CGCGGGAUGGAGCAGUCUGGUAGCUCGUCGGGCU	0	0	0	0	0	0	290	539	371	3
tRNA-Leu-CAA-1-1	66 - 87	UCGAGUCUCUCCCGAGGCACCA	5	1316	1030	0	0	0	0	0	0	3
tRNA-Leu-CAG-1-1	1 - 35	GCCCAGGUGGCGGAAUUGGUAGACGCACUAGGUUC	0	0	0	0	0	0	55	85	69	3
tRNA-Pro-TGG-1-1	53 - 75	GUUCGAAUCUCUCUACCCCGACC	27	235	233	0	0	0	0	0	0	3
tRNA-Thr-TGT-1-1	54 - 76	UUCGACUCCUGGUGCCGGCACCA	7	14923	8128	0	0	0	0	0	0	3
tRNA-Tyr-GTA-1-1	2 - 35	GAGGGAUUCCCGAGUGGCCAAAGGGAUCAGACUG	0	0	0	0	0	0	88	101	97	3
tRNA-Ala-GGC-1-1	55 - 76	UCGAUCCCGUCUAGCUCCACCA	0	14160	8432	0	0	0	0	0	0	2
tRNA-Ala-TGC-1-1	55 - 76	UCGAUCCUCCUUGGCUCCACCA	0	14249	9002	0	0	0	0	0	0	2
tRNA-Arg-ACG-1-1	56 - 77	UCGAAUCCUCCUGAGUGCGCCA	0	33509	21229	0	0	0	0	0	0	2
tRNA-Arg-CCG-1-1	56 - 76	UCGAAUCCCGCCGGAUGCGCC	0	1121	876	0	0	0	0	0	0	2
tRNA-Arg-TCT-1-1	56 - 77	UCGAGUCCUGCCGGGUGCGCCA	0	2626	1619	0	0	0	0	0	0	2
tRNA-Gln-TTG-1-1	57 - 75	AAUCCAGCCGCCCCUGCCA	0	1122	515	0	0	0	0	0	0	2
tRNA-Glu-TTC-1-1	55 - 76	UCGAGUCCCCUAGGGGACGCCA	0	575	461	0	0	0	0	0	0	2
tRNA-Gly-TCC-1-1	53 - 74	UCGAUUCCCGCUACCCGCUCCA	0	791	397	0	0	0	0	0	0	2
tRNA-His-GTG-1-1	58 - 76	AUUCCCAUCGUCCACCCCA	0	503	495	0	0	0	0	0	0	2
tRNA-His-GTG-1-1	3 - 34	GGGCGUAGCUCAGUUGGUAGAGCACAGGAUUG	0	0	0	0	0	0	0	53	38	2
tRNA-Ile2-CAT-1-1	56 - 77	UCGAGUCCGUGUGGGCCCACCA	0	40	42	0	0	0	0	0	0	2
tRNA-Leu-CAG-1-1	66 - 87	UCGAGUCUUCUCCUGGGCACCA	0	9474	6663	0	0	0	0	0	0	2
tRNA-Leu-GAG-1-1	51 - 85	UAGGCUGUAGGGGUUCGAGUCCCCUCCUCGGUACC	0	572	666	0	0	0	0	0	0	2
tRNA-Leu-TAG-1-1	64 - 84	UCGAGUCUCUCCGUCCGCACC	0	1205	908	0	0	0	0	0	0	2
tRNA-SeC-TCA-1-1	74 - 95	UCGACUCCCACUGCCUUCCGCC	0	52	32	0	0	0	0	0	0	2
tRNA-Ser-CGA-1-1	69 - 90	UCAAAUCCCUAUCUCUCCGCCA	0	9133	6384	0	0	0	0	0	0	2
tRNA-Ser-GGA-1-1	69 - 90	UCGAAUCCCUCCCUCACCGCCA	0	6316	4469	0	0	0	0	0	0	2
tRNA-Ser-TGA-1-1	3 - 31	AGGUGUGGCCGAGUGGUUUAAGGCAACGG	0	19	31	0	0	0	0	0	0	2
tRNA-Ser-TGA-1-1	69 - 90	UCGAAUCUCACCGCCUCCGCCA	0	1217	622	0	0	0	0	0	0	2
tRNA-Trp-CCA-1-1	55 - 76	UCGAUUCCCUCCUGGCCUGCCA	0	6217	3666	0	0	0	0	0	0	2
tRNA-Cys-GCA-1-1	53 - 74	UCGAUUCCGACCUCAGCCUCCA	0	299	0	0	0	0	0	0	0	1
tRNA-Pro-CGG-1-1	56 - 76	UCGAAUCCAGUCGCUCCGACC	0	3893	0	0	0	0	0	0	0	1
tRNA-Pro-TGG-1-1	1 - 30	CGGGGUAUAGCGCAGUCCGGUAGCGCGCCU	0	273	0	0	0	0	0	0	0	1

Supplementary Table 5. tRNA-Thr-CGT-1-1 44-73 tRF phage alignments

Accn.	Common Name	Alignment	Start	Stop
JF900176.1	SPN9CC	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	3038	3067
KR296687.1	25	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	36538	36567
KR296688.1	34	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	36530	36559
KU878967.1	118970 sal4	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	3330	3359
KU927496.1	101962B sal5	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	3041	3070
KU927491.1	146851 sal5	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	3041	3070
KU927492.1	146851 sal4	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	22338	22367
KU927498.1	64795 sal4	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	22327	22356
KU927494.1	103203 sal5	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	22450	22479
KU927495.1	103203 sal4	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	3304	3333
AF527608.1	P22-pbi	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	21306	21335
MF188997.1	vB SalP PM43	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	3057	3086
MG407615.1	Bp96115	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	34366	34395
MG969415.1	GE vB TR	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	22905	22934
MH370364.1	S107	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	27290	27319
MH370382.1	S135	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	27290	27319
MH370383.1	S137	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	27290	27319
MH370387.1	S149	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	3057	3086
MK770414.1	**SE16**	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	1705	1734
MK770414.1	**SE16**	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	43721	43750
MK770415.1	SF11	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	39825	39854
MK972685.1	SE10	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	22393	22422
MK972692.1	SE21	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	1999	2028
MK972694.1	SE22	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	2863	2892
MK972686.1	SF3	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	21159	21188
MK972693.1	SI23	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	23791	23820
DQ003260.1	**SE1 (in:p22virus)**	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	3040	3069
MK972687.1	**SE1 (in:p22virus)**	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	12667	12696
GU573886.1	ST160	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	3057	3086
AF217253.1	P22	AGGUCGUAGGUUCGACUCCUAUUAUCGGCA |||||||||||||||||||||||||||||| AGGUCGUAGGUUCGACUCCUAUUAUCGGCA	3057	3086

Supplementary Table 6. Oligonucleotide master list. All oligonucleotides were synthesized by IDT DNA Technologies (Coralville, IA) at 100µM scale and HPLC purified.

Gene	Sequence (5'-3')
tRNA-Thr-CGT-1-1, 44-73 tRF qRT-PCR	F: GGTCGTAGGTTCGACTCCTATTATCGG
	R: Qiagen All-in-one miRNA qRT-PCR Rev (#QP029)
STnc3920 qRT-PCR control	F: TAAAGCTCCCCGTAATTTAGCA
	R: CAGGGCGTTAATTACCTTTGAA
IsrL qRT-PCR control	F: CCGTTAACTGGCATCCTTCTAT
	R: GGCGACCTCTATTTGTTCATTC
tRNA-Thr-CGT-1-1, AntagomiR (Anti)	mG/ZEN/mCmCmGmAmUmAmAmUmAmGmGm AmGmUmCmGmAmAmCmCmUmAmCmG/3ZEN/
tRNA-Thr-CGT-1-1, Mimic (Pos)	mU/ZEN/mCmGmUmAmGmGmUmUmCmGmAm CmUmCmCmUmAmUmUmAmUmCmGmG/3ZEN/
tRNA-Thr-CGT-1-1, Scrambled Control (Scram)	mG/ZEN/mUmAmCmUmCmCmAmGmUmGmAm CmAmAmAmAmGmCmCmGmUmAmGmG/3ZEN/
tRNA-Thr-CGT-1-1, Texas Red (Anti-Red)	5TEX615/mGmCmCmGmAmUmAmAmUmAm GmGmAmGmUmCmGmAmAmCmCmUmAmCmG