

Supplementary material

Tables:

| sRNA | Start | End | orientation | length nt | Genome from which STS are extracted | flanking genes id |
|--------|---------|---------|-------------|-----------|-------------------------------------|-------------------|
| csrB | 3377288 | 3377636 | - | 349 | eco | sma3187/sma3190 |
| csrC | 4371671 | 4371785 | - | 115 | eco | sma4096/sma4098 |
| ffs | 388557 | 388672 | . | 116 | eco | sma0360/sma0362 |
| gcvB | 3384355 | 3384555 | . | 201 | eco | sma3196/sma3197 |
| micF | 2809693 | 2809725 | . | 33 | eco | sma2659/sma2652 |
| oxyS | 4269827 | 4269867 | + | 41 | eco | sma3997/sma4002 |
| mpB | 3795714 | 3796080 | - | 367 | eco | sma3569/sma3570 |
| rprA | 1515148 | 1515194 | - | 47 | eco | sma1448/sma1449 |
| rtt | 2101702 | 2101831 | . | 130 | eco | */sma1982 |
| rtt | 2101527 | 2101656 | . | 130 | eco | */sma1982 |
| rybB | 974791 | 974868 | . | 77 | eco | sma0925/sma0930 |
| ryeA | 1278736 | 1278883 | - | 147 | eco | sma1216/sma1217 |
| rye | 3121483 | 3121568 | . | 86 | eco | sma2954/sma2955 |
| sraE | 3418083 | 3418175 | + | 93 | eca | sma3223/sma3228 |
| spf | 4373220 | 4373328 | - | 109 | eco | sma4098/sma4099 |
| sraA | 419341 | 419369 | . | 29 | eco | sma0343/sma0344 |
| sraB | 1226373 | 1226453 | + | 81 | eco | sma1158/sma1159 |
| sraD | 188225 | 188299 | . | 75 | eco | sma0166/sma0167 |
| sraF | 3780424 | 3780611 | . | 188 | eco | sma3551/sma3553 |
| sraH | 3802264 | 3802317 | + | 54 | eco | sma3576/sma3577 |
| sraI | 4147535 | 4147593 | . | 59 | eco | */sma3898 |
| ssrA | 3251988 | 3252351 | . | 364 | eco | sma3078/ * |
| ssrS | 3518913 | 3519095 | . | 183 | eco | sma3318/sma3319 |
| tke1 | 3214595 | 3214762 | . | 168 | yps | sma3041/sma3042 |
| tp2 | 3636376 | 3636534 | . | 159 | eco | sma3419/sma3420 |
| tpke70 | 1209585 | 1209953 | . | 368 | eco | */sma1142 |
| t44 | 3360413 | 3360472 | + | 60 | eco | sma3178/sma3179 |

Table 1a: List of additional sRNA locations identified in *S.marcescens* Db1 genome (* - indicates the ASL identified containing single conserved flanking gene).