

File S2. Most abundant 25bp long sequence their associated RAYT and the number of RAYTs within the genome.

Bacterium	Sequence	Freq.	Flanking RAYT	#RAYTs
GB1	TGTAGGAGCGGCCTTGTGTCGCGAT	109	Pputgb1_0613	3
SBW25	ATGTGGGAGGGGGCTTGCCCCGAT	265	PFLU3939	3
DC3000	GGACGCAGAGCGTCCAGAACGGCAT	46	None	1
A506	TGTGGGAGCTGGCTTGCTGCGATA	314	PFLA506_RS09035	1
BG33R	ATGTGGGAGCTGGCTTGCTGCGAT	160	PSEBG33_1863	1
MG1655	GGATAAGGCGTTCACGCCGCATCCG	75	yafM	1
536	GGATAAGGCGTTCACGCCGCATCCG	52	ECP_0256	1
UMN026	GGATAAGGCGTTCACGCCGCATCCG	48	yafM	1
REL606	GGATAAGGCGTTCACGCCGCATCCG	72	yafM	1
UTI89	CGGATAAGGCGTTCACGCCGCATCC	43	yafM	1