

Gene	VIMSS ID	Name	TSS (this study)	TSS (ref.)	Methodology	Ref.	Note
SO_1778	200941	<i>mtrC</i> <i>/omcB</i>	-119	-119	5' RACE	[1]	
SO_2426	201570		-25	-25, -27	5' RACE	[2, 3]	Both -27 and -25 are high confidence and conserved; the log-odds for -27 is lower than -25
SO_1342	200517	<i>rpoE</i>	-58, -90, -173	-58	5' RACE	[4]	
SO_1427	200602	<i>dmsAB-1</i> <i>/dmsE</i>	NA	44	5' RACE	[4]	No peak detected - <i>dms</i> operon is not highly expressed in rich/minimal media
SO_1126	200306	<i>dnaK</i>	-127	-37	5' RACE	[4]	Our dataset detected low-confidence TSS at -37 site; <i>dnaK</i> is induced at heat shock, but we don't have 5'RNA-seq data on heat shock condition
SO_3585	202682	<i>azr</i>	NA	-26	5' RACE	[5]	Our dataset detected low-confidence TSS at -26 site with moderate number of 5'RNA-seq reads mapped; <i>azr</i> is known to involved in growth under heavy metal conditions, and did not express in any of our tiling microarray conditions.
SO_1228	200406	<i>torR</i>	-23, -159	-23	primer extension	[6]	Log-odds for -23 peak was 8.12, which is slightly lower than the cutoff used in this analysis (lo >= 10)
SO_4694	203763	<i>torF</i>	NA	-36	primer extension	[6]	Within our five growth conditions in microarray experiments, <i>torF</i> is only expressed in DMSO, which does not have 5'RNA-seq data.
SO_1234	200412	<i>torECAD</i>	NA	-33	primer extension	[7]	Same as above (only expressed in DMSO which does not have 5'RNA-seq data)
SO_4180	203263	<i>mxDA</i>	-184	-150	primer extension	[8]	It's suggested that <i>mxDA</i> operon is induced at starvation and <i>mxDA</i> is expressed in minimal medium in our experiments.

References

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