**S2. List of genes selected for the cold-response analysis (based on Bresolin et al., 2006)** (Bresolin et al. 2006).

|  |  |  |  |
| --- | --- | --- | --- |
| **Target gene** | **Primer name** | **5’ – 3’ sequence** | **Function** |
| *cspA*, Cold-shock Protein A | CspA F | TTGGTTTCATTACGCCTGCT | Regulation  |
| CspA R | CCTTTAGCGCCATTCTCGAT |
| *cspB*, Cold-shock Protein B | CspB F | CAGACGGCAGCAAAGATGTA | Regulation  |
| CspB R | GTTTACAGCTGAAGGGCCTT |
| *gltP*, Glutamate-aspartate symport protein | GltP F | GTTCCGGGTGTCTCTTTTGT | Metabolism |
| GltP R | ACGCGCCATATCCAGAATAC |
| *uhpC*, Hexose phosphate transport system regulator protein | UhpC F | AGCATGGCGGGCATAATAAA | Regulation |
| UhpC R | GACGGAACAAGTGCAAATCG |
| YE1436, Putative transcription regulatory protein | YE1436 F | AAACGATAACAACCCGCTGT | Regulation  |
| YE1436 R | TTGCGGATTCAACCATTCCA |
| *fleC*, Flagellin FleC | FleC F | GAGCCAGAACAGAAGTACCG | Motility  |
| FleC R | CACCATCACCAACCTGAACA |
| *fliS*, Putative cytoplasmic chaperone | FliS F | GGTGAGCTGGCAGAGAATTT | Motility  |
| FliS R | TGCCTGTTCGTCATTATGCA |
| YE2848, Putative chemotaxis methyl-accepting transducer | YE2848 F | TCCTGAGACTGCAACATTCG | Motility  |
| YE2848 R | ATTCGCAAAGACGGCAGTAT |

**Reference**

Bresolin G, Neuhaus K, Scherer S, Fuchs TM. 2006. Transcriptional analysis of long-term adaptation of Yersinia enterocolitica to low-temperature growth. Journal of bacteriology. Apr;188:2945-2958.