**Table S2. Genes with the highest SNV density among samples listed in S1 Table (n=30).** Intergenic regions, paralogous genes (including *tpr* genes), genes with repetitions and sites with ambiguous data were not included in this analysis. Only genes containing at least four variable sites resulting in the SNV density > 0.001 are shown. Candidate loci are shown in bold.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Locus | Length | Gene function | No. of variable sites | SNV density |
| **TP\_0136** | **1488** | **Fibronectin-binding protein** | **68** | **0.045698925** |
| **TP\_0462** | **1179** | **Putative lipoprotein** | **43** | **0.036471586** |
| **TP\_0548** | **1305** | **Rare outer membrane protein,**  **FadL** | **38** | **0.029118774** |
| TP\_0858 | 1227 | Hypothetical protein | 34 | 0.027709861 |
| **TP\_0865** | **1440** | **Putative outer membrane protein** | **30** | **0.020833333** |
| TP\_0488 | 2538 | Methyl-accepting chemotaxis protein | 27 | 0.010638298 |
| TP\_1019 | 444 | Aspartyl/Glutamyl tRNA | 4 | 0.009009009 |
| TP\_0326 | 2562 | Outer membrane protein, BamA | 19 | 0.007416081 |
| TP\_0968 | 1623 | Hypothetical protein | 11 | 0.006777572 |
| TP\_0966 | 1635 | Hypothetical protein | 9 | 0.005504587 |
| TP\_0558 | 909 | Putative nickel-cobalt transporter | 5 | 0.00550055 |
| TP\_0515 | 2976 | Putative outer membrane protein | 16 | 0.005376344 |
| TP\_0967 | 1554 | Hypothetical protein | 8 | 0.005148005 |
| TP\_0179 | 1884 | Hypothetical protein | 9 | 0.00477707 |
| TP\_0304 | 3120 | Hypothetical protein | 10 | 0.003205128 |
| **TP\_0705** | **2655** | **Carboxypeptidase/penicillin-binding protein** | **5** | **0.001883239** |
| TP\_0898 | 3720 | Exodeoxyribonuclease V beta subunit | 4 | 0.001075269 |

Please note, that the SNV density was only one (out of three) criteria for the selection of candidate loci.