**S3 Table. List of upregulated sodium antiporter genes unique to *Staphylococcus* sp. in response to salt stress**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl no.** | **Gene ID** | **Functional annotation** | **Gene** | **Sequence length** | **Hit accession** | **E-Value** | **Similarity** | **Score** | **Alignment length** | **Positives** | **Sequence similar to functional target genes** |
| 1 | gi|242242052|ref|ZP04796497.1|  DASS family divalent anion:sodium (Na+) symporter | anion transporter family protein | *citT* | 117 | ZP04796497 | 1.86E-014 | 100 | 61.62 | 28 | 28 | 1 |
| 2 | gi|242241512|ref|ZP04795957.1|  F-ATPase superfamily proton (H+)- or sodium (Na+)-translocating F family ATPase delta subunit | atp synthase delta subunit | *atpH* | 476 | ZP04795957 | 8.19E-060 | 100 | 179.49 | 93 | 93 | 1 |
| 3 | gi|27468617|ref|NP765254.1|  ATP synthase F0F1 subunit epsilon | atp synthase epsilon subunit | *atpC* | 284 | NP765254 | 5.35E-050 | 100 | 151.37 | 79 | 79 | 1 |
| 4 | gi|314935597|ref|ZP07842949.1|  putative Na+/H+ antiporter | cpa2 family | *HMPREF9550\_02505* | 134 | ZP07842949 | 9.34E-009 | 92 | 46.21 | 26 | 24 | 1 |
| 5 | gi|151221032|ref|YP001331854.1|  putative monovalent cation/H+ antiporter subunit C | monovalent cation H+ antiporter subunit c | *mrpC* | 696 | YP001331854 | 3.29E-057 | 89 | 175.64 | 132 | 118 | 2 |
| 6 | gi|242241995|ref|ZP04796440.1|  CPA1 family monovalent cation (K+ or Na+):proton (H+) antiporter-1 | Na+ H+ antiporter | *SO\_2537* | 574 | ZP04796440 | 1.78E-114 | 98 | 337.81 | 177 | 175 | 15 |
| 7 | gi|365231395|gb|EHM72441.1|  Na+/H+ antiporter family protein | Na+ H+ antiporter family protein | *nhaA* | 304 | EHM72441 | 4.33E-046 | 96 | 149.83 | 86 | 83 | 14 |
| 8 | gi|319401281|gb|EFV89493.1|  Na+ dependent nucleoside transporter family protein | purine nucleoside transport protein | *nupG* | 205 | EFV89493 | 5.19E-027 | 100 | 95.9 | 47 | 47 | 4 |