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| **Key Resources Table** | | | | |
| **Reagent type (species) or resource** | **Designation** | **Source or reference** | **Identifiers** | **Additional information** |
| Sequence based reagent | lhaSTA\_A | This study | PCR primer | Deletion of the *lhaSTA* locus AGGGAACAAAAGCTGGGTACCGCAGGTGTATTATTTTCTGATG |
| Sequence based reagent | lhaSTA\_B | This study | PCR primer | Deletion of the *lhaSTA* locus CATTTGTCACACTCCTTTAATG |
| Sequence based reagent | lhaSTA\_C | This study | PCR primer | Deletion of the *lhaSTA* locus TTAAAGGAGTGTGACAAATGTAAATAAATATTAAATAAGACG |
| Sequence based reagent | lhaSTA\_D | This study | PCR primer | Deletion of the *lhaSTA* locus CTATAGGGCGAATTGGAGCTCCACCAAAAGTAGTTCAACCTGC |
| Sequence based reagent | lhaSTA\_ScF | This study | PCR primer | Screening of the *lhaSTA* deletion TTGTAGTTGTAGCTACTGTCTTG |
| Sequence based reagent | lhaSTA\_ScR | This study | PCR primer | Screening of the *lhaSTA* deletion CACCTGTACCTGAATTAACTACAG |
| Sequence based reagent | isdEFL\_A | This study | PCR primer | Deletion of the *IsdEFL* locus AGGGAACAAAAGCTGGGTACCGAAAAACGTAACAAAGATAAAC |
| Sequence based reagent | isdEFL\_B | This study | PCR primer | Deletion of the *IsdEFL* locus CATTTTGTTACTCACCGCTTTC |
| Sequence based reagent | isdEFL\_C | This study | PCR primer | Deletion of the *IsdEFL* locus GCGGTGAGTAACAAAATGTGAAATTAGTGCTTCGATTATG |
| Sequence based reagent | isdEFL\_D | This study | PCR primer | Deletion of the *IsdEFL* locus CTATAGGGCGAATTGGAGCTCGATATTTTGTATCGAATTGAATGC |
| Sequence based reagent | isdEFL\_ScF | This study | PCR primer | Screening of the *IsdEFL* deletion GCTAGGTGTAAAACATCCAAATG |
| Sequence based reagent | isdEFL\_ScR | This study | PCR primer | Screening of the *IsdEFL* deletion CTTTCGTCGTTGTTTGATAAGC |
| Sequence based reagent | qPCR 5srRNA\_F | This study | PCR primer | RT-qPCR quantification of *5srRNA* expression GCAAGGAGGTCACACCTGTT |
| Sequence based reagent | qPCR 5srRNAR\_R | This study | PCR primer | RT-qPCR quantification of *5srRNA* expression GCCTGGCAACGTCCTACTCT |
| Sequence based reagent | qPCR lhaS\_F | This study | PCR primer | RT-qPCR quantification of *lhaS* expression |
| Sequence based reagent | qPCR lhaS\_R | This study | PCR primer | RT-qPCR quantification of *lhaS* expression |
| Sequence based reagent | qPCR lhaA\_F | This study | PCR primer | RT-qPCR quantification of *lhaA* expression AGCATTATCTGGTGGGCAAC |
| Sequence based reagent | qPCR lhaA\_R | This study | PCR primer | RT-qPCR quantification of *lhaA* expression TTCATCCGTACAAGCCATCA |
| Sequence based reagent | lhaS\_F | This study | PCR primer | His-tagged expression of LhaS using pQE30  ATTAAAGGAGCATGCCAAATGAAGAGAC |
| Sequence based reagent | lhaS\_R | This study | PCR primer | His tagged expression of LhaS using pQE30 ACCTAAGCTTTTAAATCATACCTGCACGT |
| Sequence based reagent | Lha complement-F | This study | PCR primer | Expression of LhaSTA using pRB473 CGTATTGAAGGATCCTGATTTGG |
| Sequence based reagent | Lha complement-R | This study | PCR primer | Expression of LhaSTA using pRB473 CTCAACAGAAAACTGAGATTTCGTCTTATTTAAGCTTTATTTA |