## Supplementary Table 16 - Primers for of *amdSYM* deletion

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| Primer number | Primer name | Sequence (5’ to 3’) |
| gRNA construction | | |
| 6005 | p426 CRISP rv | GATCATTTATCTTTCACTGCGGAGAAG |
| 11588 | targetAmdS FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCATCACATCCGAACATAAACAGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTATCAAC |
| 11589 | targetAmdS RV | GTTGATAACGGACTAGCCTTATTTTAACTTGCTATTTCTAGCTCTAAAACTGTTTATGTTCGGATGTGATGATCATTTATCTTTCACTGCGGAGAAGTTTCGAACGCCGAAACATGCGCA |
| Primers to make repair fragment | | |
| 11590 | Repair AmdS FW | AAGATAGTCGCCGAACTCGCAAGAGTCATTAACACCTCGCAATTGATGGGAAGTCCTCGCATATGACCTGAACCGACGGCAAATGCTCTTCAACTACGGCATACTTGCGGAAGCTACGGC |
| 11591 | Repair AmdS RV | GCCGTAGCTTCCGCAAGTATGCCGTAGTTGAAGAGCATTTGCCGTCGGTTCAGGTCATATGCGAGGACTTCCCATCAATTGCGAGGTGTTAATGACTCTTGCGAGTTCGGCGACTATCTT |
| Diagnostic primers to check gene deletion | | |
| 2433 | K glycolysis Fw | GACGCCATTTGGAACGAAAAAAAG |
| 3366 | L glycolysis Rv | AATGAGTGGTAATTAATGGTGACATGAC |