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| Additional file 8 Technologically related phenotypic traits of the human, bovine, porcine and equine *L. ruminis* isolates |
| **Tests** | **Conc./Variable** | **Human** | **Bovine** | **Porcine** | **Equine** |
| **L5** | **S21** | **S23** | **S36** | **S38** | **25644** | **27780** | **27781** | **27782** | **DPC 6830** | **DPC 6831** | **DPC 6832** | **DPC 6833** | **DPC 6834** | **DPC 6835** | **DPC 6836** |
| NaCl | 2% | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 3% | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 4% | + | + | + | + | + | + | + | + | + | + | + | + | + | + | - | - |
| 6% | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Temp. | 4°C | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30°C | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 37°C | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 45°C | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 55°C | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Anaerobic | OD | 1.7 | 2 | 2.1 | 2.1 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.4 |
| Aerobic |  | 0 | 1.7 | 0.4 | 0.4 | 0.3 | 0.5 | 0.5 | 0.6 | 2.2 | 2.2 | 2.2 | 2 | 2.2 | 1.4 | 2.2 | 2.1 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Milk acidification\* | pH reduction | 1.6 | 1.4 | 2 | 1.6 | 2 | 1.2 | 2 | 2.2 | 2.2 | 1.9 | 2.2 | 1.4 | 1.5 | 0.2 | 1.8 | 1.3 |