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| **S1Table.** **MSHR5848 Colony morphologies in original, seed and production stocks: SUMMARY** |
|  |  |  |  |  |  |  |  |  |  |
|  |  | Variantsa |  |  |
|  |  | Smooth | Rough | Mucoidb | TOTAL |  |
| Stock | Dilution | No. CFU | % | No. CFU | % | No. CFU | % | No. CFU |  |
| Original | 10-5 | 0 | 0 | 67 | 100 | 0 |  | 67 |  |
| 10-4 | 3 | 0.38 | 776 | 99.6 | 0 |  | 779 |  |
| Total | 3 | **0.35** | 843 | **99.6** | 0 | 0 | 846 |  |
| Master seedc | 10-7 | 5 | 4.3 | 111 | 95.7 | 0 |  | 116 |  |
| 10-6 | 36 | 4.75 | 720 | 95 | 2 |  | 758 |  |
| Total | 41 | **4.7** | 831 | **95.1** | 2 | 0.23 | 874 |  |
| Production stockc | 10-7 | 37 | 48.7 | 37 | 48.7 | 2 |  | 76 |  |
| 10-6 | 289 | 46.7 | 315 | 50.9 | 15 |  | 619 |  |
| Total | 326 | **46.9** | 352 | **50.6** | 17 | 2.4 | 695 |  |
| aData shown are the total no. colonies on triplicate plates for each of two dilutions.bUnstable random variants of Smooth (mucoid with irregular or unformed, runny edge) |  |  |  |
| cStocks were made using solid media. |  |