

Table S9 - R-protein unique peptide count in r-protein quantity in the 70S ribosomes from stationary phase (Figure S4) dataset

| Protein  | Peptide counts (unique) | U.pep. br-1 (Day 1) | U.pep. br-2 (Day 1) | U.pep. br-3 (Day 1) | U.pep. br-1 (Day 2) | U.pep. br-2 (Day 2) | U.pep. br-3 (Day 2) | U.pep. br-1 (Day 4) | U.pep. br-2 (Day 4) | U.pep. br-3 (Day 4) | U.pep. br-1 (Day 6) | U.pep. br-2 (Day 6) | U.pep. br-3 (Day 6) | U.pep. br-1 (Day 8) | U.pep. br-2 (Day 8) | U.pep. br-3 (Day 8) |
|----------|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| uL1      | 35                      | 30                  | 29                  | 29                  | 31                  | 29                  | 31                  | 32                  | 31                  | 32                  | 32                  | 32                  | 27                  | 28                  | 32                  | 31                  |
| uL2      | 43                      | 34                  | 31                  | 29                  | 32                  | 32                  | 31                  | 29                  | 29                  | 32                  | 28                  | 31                  | 33                  | 30                  | 33                  | 37                  |
| uL3      | 34                      | 30                  | 28                  | 27                  | 29                  | 25                  | 28                  | 28                  | 28                  | 28                  | 29                  | 31                  | 24                  | 26                  | 30                  | 30                  |
| uL4      | 33                      | 27                  | 22                  | 24                  | 26                  | 22                  | 23                  | 26                  | 22                  | 25                  | 25                  | 25                  | 22                  | 21                  | 28                  | 31                  |
| uL5      | 34                      | 28                  | 29                  | 31                  | 29                  | 31                  | 28                  | 28                  | 28                  | 27                  | 28                  | 27                  | 29                  | 28                  | 28                  | 30                  |
| uL6      | 24                      | 18                  | 17                  | 20                  | 18                  | 18                  | 18                  | 17                  | 17                  | 17                  | 15                  | 19                  | 19                  | 18                  | 18                  | 17                  |
| bL7/bL12 | 18                      | 17                  | 12                  | 14                  | 15                  | 12                  | 12                  | 15                  | 12                  | 17                  | 17                  | 15                  | 12                  | 12                  | 15                  | 15                  |
| bL9      | 26                      | 22                  | 21                  | 19                  | 20                  | 19                  | 22                  | 21                  | 21                  | 21                  | 21                  | 20                  | 19                  | 19                  | 20                  | 21                  |
| uL10     | 23                      | 16                  | 17                  | 15                  | 20                  | 17                  | 17                  | 17                  | 16                  | 18                  | 19                  | 18                  | 17                  | 17                  | 19                  | 17                  |
| uL11     | 13                      | 9                   | 9                   | 8                   | 9                   | 10                  | 10                  | 10                  | 9                   | 8                   | 9                   | 9                   | 9                   | 8                   | 10                  | 8                   |
| uL13     | 23                      | 21                  | 18                  | 21                  | 21                  | 17                  | 18                  | 20                  | 18                  | 21                  | 21                  | 20                  | 18                  | 18                  | 20                  | 21                  |
| uL14     | 16                      | 16                  | 13                  | 14                  | 15                  | 14                  | 14                  | 14                  | 13                  | 14                  | 15                  | 12                  | 14                  | 13                  | 16                  | 14                  |
| uL15     | 17                      | 15                  | 14                  | 15                  | 15                  | 14                  | 15                  | 15                  | 16                  | 15                  | 14                  | 14                  | 15                  | 14                  | 15                  | 15                  |
| uL16     | 16                      | 15                  | 11                  | 12                  | 11                  | 9                   | 11                  | 13                  | 10                  | 11                  | 12                  | 12                  | 10                  | 8                   | 14                  | 14                  |
| bL17     | 14                      | 12                  | 10                  | 12                  | 10                  | 10                  | 11                  | 12                  | 10                  | 12                  | 12                  | 11                  | 9                   | 11                  | 12                  | 12                  |
| uL18     | 14                      | 12                  | 11                  | 11                  | 12                  | 10                  | 9                   | 11                  | 11                  | 11                  | 11                  | 11                  | 10                  | 12                  | 11                  | 11                  |
| bL19     | 18                      | 15                  | 14                  | 14                  | 14                  | 15                  | 16                  | 15                  | 14                  | 14                  | 15                  | 14                  | 14                  | 13                  | 15                  | 17                  |
| bL20     | 14                      | 13                  | 12                  | 12                  | 11                  | 9                   | 12                  | 11                  | 11                  | 11                  | 12                  | 11                  | 11                  | 10                  | 11                  | 10                  |
| bL21     | 18                      | 17                  | 12                  | 10                  | 14                  | 12                  | 13                  | 15                  | 11                  | 15                  | 14                  | 14                  | 12                  | 10                  | 15                  | 15                  |
| uL22     | 18                      | 16                  | 14                  | 17                  | 14                  | 16                  | 15                  | 15                  | 14                  | 15                  | 15                  | 15                  | 15                  | 17                  | 14                  | 15                  |
| uL23     | 11                      | 8                   | 7                   | 6                   | 5                   | 6                   | 8                   | 7                   | 5                   | 8                   | 7                   | 9                   | 6                   | 6                   | 8                   | 8                   |
| uL24     | 20                      | 16                  | 14                  | 15                  | 13                  | 14                  | 16                  | 15                  | 16                  | 16                  | 16                  | 15                  | 13                  | 16                  | 15                  | 16                  |
| bL25     | 18                      | 18                  | 16                  | 15                  | 17                  | 14                  | 15                  | 15                  | 14                  | 16                  | 16                  | 16                  | 14                  | 13                  | 16                  | 17                  |
| bL27     | 15                      | 12                  | 8                   | 10                  | 12                  | 8                   | 10                  | 11                  | 8                   | 12                  | 10                  | 10                  | 8                   | 10                  | 12                  | 12                  |
| bL28     | 11                      | 9                   | 8                   | 8                   | 9                   | 10                  | 9                   | 8                   | 8                   | 9                   | 8                   | 9                   | 8                   | 8                   | 8                   | 10                  |
| uL29     | 7                       | 3                   | 4                   | 4                   | 3                   | 3                   | 4                   | 3                   | 3                   | 3                   | 3                   | 4                   | 3                   | 3                   | 3                   | 5                   |
| uL30     | 9                       | 9                   | 9                   | 9                   | 9                   | 9                   | 9                   | 9                   | 9                   | 9                   | 9                   | 9                   | 8                   | 9                   | 9                   | 9                   |
| bL32     | 6                       | 5                   | 5                   | 5                   | 5                   | 5                   | 5                   | 5                   | 5                   | 5                   | 5                   | 5                   | 5                   | 5                   | 5                   | 5                   |
| bL33     | 8                       | 5                   | 6                   | 5                   | 6                   | 4                   | 6                   | 6                   | 4                   | 6                   | 6                   | 6                   | 4                   | 6                   | 5                   | 6                   |
| bL34     | 5                       | 4                   | 3                   | 4                   | 4                   | 5                   | 5                   | 4                   | 5                   | 4                   | 4                   | 4                   | 5                   | 4                   | 4                   | 3                   |
| bS1      | 77                      | 66                  | 58                  | 64                  | 64                  | 64                  | 64                  | 66                  | 64                  | 65                  | 63                  | 68                  | 59                  | 63                  | 65                  | 65                  |
| uS2      | 33                      | 30                  | 26                  | 30                  | 29                  | 25                  | 28                  | 28                  | 27                  | 28                  | 29                  | 28                  | 28                  | 28                  | 28                  | 29                  |
| uS3      | 34                      | 27                  | 23                  | 28                  | 27                  | 25                  | 25                  | 28                  | 26                  | 26                  | 28                  | 25                  | 24                  | 25                  | 26                  | 29                  |
| uS4      | 31                      | 22                  | 18                  | 22                  | 27                  | 23                  | 23                  | 22                  | 22                  | 23                  | 22                  | 23                  | 21                  | 21                  | 23                  | 23                  |
| uS5      | 19                      | 17                  | 15                  | 14                  | 14                  | 13                  | 13                  | 17                  | 14                  | 15                  | 14                  | 16                  | 14                  | 14                  | 16                  | 16                  |
| bS6      | 18                      | 15                  | 12                  | 12                  | 12                  | 11                  | 13                  | 15                  | 14                  | 15                  | 14                  | 15                  | 14                  | 13                  | 13                  | 11                  |
| uS7      | 24                      | 22                  | 20                  | 16                  | 19                  | 18                  | 19                  | 18                  | 18                  | 20                  | 19                  | 20                  | 19                  | 20                  | 17                  | 20                  |
| uS8      | 15                      | 12                  | 10                  | 10                  | 10                  | 12                  | 12                  | 11                  | 12                  | 11                  | 10                  | 11                  | 11                  | 14                  | 9                   | 10                  |
| uS9      | 19                      | 17                  | 14                  | 15                  | 15                  | 15                  | 15                  | 16                  | 14                  | 17                  | 15                  | 16                  | 14                  | 14                  | 17                  | 17                  |
| uS10     | 13                      | 11                  | 11                  | 11                  | 12                  | 10                  | 10                  | 11                  | 10                  | 11                  | 11                  | 11                  | 10                  | 11                  | 11                  | 11                  |
| uS11     | 12                      | 12                  | 9                   | 9                   | 9                   | 9                   | 9                   | 11                  | 9                   | 10                  | 9                   | 9                   | 9                   | 9                   | 9                   | 11                  |
| uS12     | 11                      | 10                  | 10                  | 8                   | 8                   | 8                   | 8                   | 11                  | 9                   | 9                   | 9                   | 10                  | 9                   | 8                   | 10                  | 9                   |
| uS13     | 21                      | 15                  | 15                  | 14                  | 17                  | 16                  | 16                  | 16                  | 14                  | 16                  | 17                  | 16                  | 14                  | 15                  | 15                  | 16                  |
| uS14     | 18                      | 14                  | 12                  | 13                  | 13                  | 12                  | 15                  | 14                  | 15                  | 13                  | 13                  | 13                  | 13                  | 13                  | 13                  | 14                  |
| uS15     | 17                      | 14                  | 12                  | 11                  | 12                  | 10                  | 9                   | 14                  | 6                   | 12                  | 10                  | 13                  | 8                   | 10                  | 14                  | 12                  |
| bS16     | 9                       | 8                   | 6                   | 7                   | 8                   | 6                   | 7                   | 8                   | 7                   | 7                   | 7                   | 6                   | 5                   | 6                   | 7                   | 8                   |
| uS17     | 10                      | 8                   | 6                   | 6                   | 9                   | 7                   | 7                   | 7                   | 7                   | 8                   | 7                   | 6                   | 7                   | 7                   | 7                   | 9                   |
| bS18     | 7                       | 7                   | 5                   | 5                   | 5                   | 6                   | 5                   | 6                   | 5                   | 7                   | 7                   | 5                   | 5                   | 5                   | 5                   | 7                   |
| uS19     | 12                      | 10                  | 8                   | 8                   | 10                  | 9                   | 9                   | 10                  | 9                   | 9                   | 10                  | 10                  | 8                   | 9                   | 10                  | 10                  |
| bS20     | 11                      | 11                  | 10                  | 8                   | 11                  | 9                   | 9                   | 11                  | 9                   | 11                  | 11                  | 9                   | 9                   | 7                   | 11                  | 11                  |
| bS21     | 8                       | 7                   | 8                   | 8                   | 8                   | 7                   | 7                   | 8                   | 8                   | 8                   | 8                   | 7                   | 7                   | 7                   | 6                   | 8                   |

| Protein  | Peptide counts (unique) | U.pep. br-1 (Day 10) | U.pep. br-2 (Day 10) | U.pep. br-3 (Day 10) | U.pep. br-1 (Day 12) | U.pep. br-2 (Day 12) | U.pep. br-3 (Day 12) | U.pep. br-1 (Day 14) | U.pep. br-2 (Day 14) | U.pep. br-3 (Day 14) |
|----------|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| uL1      | 35                      | 2                    | 33                   | 31                   | 30                   | 27                   | 31                   | 28                   | 27                   | 33                   |
| uL2      | 43                      | 1                    | 34                   | 34                   | 35                   | 32                   | 31                   | 29                   | 31                   | 33                   |
| uL3      | 34                      | 2                    | 29                   | 29                   | 29                   | 25                   | 28                   | 25                   | 24                   | 29                   |
| uL4      | 33                      | 4                    | 30                   | 29                   | 25                   | 22                   | 30                   | 22                   | 23                   | 27                   |
| uL5      | 34                      | 4                    | 28                   | 26                   | 29                   | 28                   | 28                   | 27                   | 29                   | 27                   |
| uL6      | 24                      | 1                    | 18                   | 17                   | 17                   | 15                   | 16                   | 17                   | 18                   | 17                   |
| bL7/bL12 | 18                      | 1                    | 14                   | 15                   | 15                   | 12                   | 14                   | 13                   | 11                   | 14                   |
| bL9      | 26                      | 3                    | 24                   | 20                   | 21                   | 18                   | 23                   | 19                   | 20                   | 25                   |
| uL10     | 23                      | 0                    | 19                   | 15                   | 16                   | 15                   | 16                   | 14                   | 15                   | 18                   |
| uL11     | 13                      | 0                    | 9                    | 9                    | 9                    | 6                    | 10                   | 8                    | 9                    | 8                    |
| uL13     | 23                      | 1                    | 21                   | 20                   | 20                   | 16                   | 19                   | 19                   | 17                   | 20                   |
| uL14     | 16                      | 1                    | 12                   | 14                   | 13                   | 15                   | 15                   | 12                   | 15                   | 13                   |
| uL15     | 17                      | 0                    | 14                   | 15                   | 15                   | 16                   | 16                   | 14                   | 15                   | 14                   |
| uL16     | 16                      | 0                    | 13                   | 14                   | 10                   | 9                    | 12                   | 8                    | 10                   | 13                   |
| bL17     | 14                      | 0                    | 11                   | 12                   | 12                   | 10                   | 12                   | 11                   | 12                   | 12                   |
| uL18     | 14                      | 1                    | 11                   | 11                   | 12                   | 11                   | 11                   | 9                    | 10                   | 12                   |
| bL19     | 18                      | 0                    | 15                   | 16                   | 16                   | 15                   | 15                   | 12                   | 14                   | 14                   |
| bL20     | 14                      | 0                    | 11                   | 11                   | 11                   | 9                    | 11                   | 7                    | 9                    | 7                    |
| bL21     | 18                      | 1                    | 15                   | 16                   | 15                   | 9                    | 15                   | 9                    | 13                   | 14                   |
| uL22     | 18                      | 2                    | 15                   | 15                   | 16                   | 15                   | 14                   | 15                   | 15                   | 15                   |
| uL23     | 11                      | 1                    | 8                    | 7                    | 6                    | 6                    | 6                    | 5                    | 7                    | 8                    |
| uL24     | 20                      | 1                    | 16                   | 18                   | 16                   | 15                   | 18                   | 13                   | 16                   | 15                   |
| bL25     | 18                      | 1                    | 16                   | 16                   | 17                   | 12                   | 16                   | 15                   | 14                   | 15                   |
| bL27     | 15                      | 1                    | 12                   | 11                   | 11                   | 9                    | 12                   | 9                    | 8                    | 10                   |
| bL28     | 11                      | 1                    | 8                    | 8                    | 7                    | 8                    | 7                    | 6                    | 9                    | 8                    |
| uL29     | 7                       | 1                    | 4                    | 3                    | 3                    | 3                    | 3                    | 3                    | 3                    | 3                    |
| uL30     | 9                       | 0                    | 9                    | 9                    | 9                    | 9                    | 9                    | 9                    | 9                    | 9                    |
| bL32     | 6                       | 0                    | 5                    | 5                    | 6                    | 5                    | 5                    | 5                    | 5                    | 5                    |
| bL33     | 8                       | 0                    | 6                    | 6                    | 5                    | 5                    | 5                    | 5                    | 5                    | 6                    |
| bL34     | 5                       | 0                    | 4                    | 4                    | 4                    | 4                    | 5                    | 4                    | 5                    | 5                    |
| bS1      | 77                      | 3                    | 66                   | 65                   | 60                   | 61                   | 66                   | 58                   | 60                   | 65                   |
| uS2      | 33                      | 3                    | 28                   | 29                   | 29                   | 27                   | 28                   | 25                   | 30                   | 26                   |
| uS3      | 34                      | 3                    | 26                   | 27                   | 29                   | 27                   | 25                   | 24                   | 25                   | 27                   |
| uS4      | 31                      | 3                    | 25                   | 22                   | 24                   | 21                   | 24                   | 19                   | 21                   | 25                   |
| uS5      | 19                      | 2                    | 18                   | 18                   | 17                   | 12                   | 16                   | 13                   | 13                   | 16                   |
| bS6      | 18                      | 0                    | 12                   | 15                   | 12                   | 12                   | 13                   | 10                   | 10                   | 13                   |
| uS7      | 24                      | 2                    | 19                   | 20                   | 19                   | 19                   | 20                   | 17                   | 18                   | 18                   |
| uS8      | 15                      | 0                    | 10                   | 10                   | 10                   | 11                   | 10                   | 8                    | 11                   | 10                   |
| uS9      | 19                      | 0                    | 16                   | 16                   | 15                   | 13                   | 15                   | 13                   | 15                   | 15                   |
| uS10     | 13                      | 0                    | 10                   | 10                   | 11                   | 10                   | 11                   | 11                   | 10                   | 11                   |
| uS11     | 12                      | 0                    | 10                   | 11                   | 9                    | 9                    | 11                   | 9                    | 9                    | 11                   |
| uS12     | 11                      | 0                    | 9                    | 9                    | 10                   | 8                    | 10                   | 9                    | 8                    | 9                    |
| uS13     | 21                      | 1                    | 15                   | 17                   | 15                   | 12                   | 15                   | 10                   | 12                   | 17                   |
| uS14     | 18                      | 0                    | 11                   | 12                   | 10                   | 12                   | 10                   | 6                    | 11                   | 10                   |
| uS15     | 17                      | 0                    | 10                   | 9                    | 9                    | 6                    | 10                   | 8                    | 8                    | 11                   |
| bS16     | 9                       | 1                    | 8                    | 8                    | 8                    | 8                    | 7                    | 7                    | 8                    | 8                    |
| uS17     | 10                      | 0                    | 8                    | 7                    | 7                    | 7                    | 8                    | 7                    | 8                    | 8                    |
| bS18     | 7                       | 0                    | 5                    | 7                    | 6                    | 5                    | 7                    | 5                    | 5                    | 5                    |
| uS19     | 12                      | 0                    | 9                    | 10                   | 11                   | 9                    | 11                   | 8                    | 9                    | 10                   |
| bS20     | 11                      | 0                    | 11                   | 10                   | 11                   | 8                    | 11                   | 8                    | 7                    | 10                   |
| bS21     | 8                       | 0                    | 7                    | 8                    | 7                    | 6                    | 8                    | 5                    | 5                    | 6                    |

| Parameter               | Description  |
|-------------------------|--|
| protein                 | Ribosomal protein  |
| peptide counts (unique) | Number of theoretical unique peptides per protein  |
| U.pep. Br-x (Day y)     | corresponding number of unique peptides per protein found in biological replicate x at day y |