

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 398364847 | RTR1 | NP_011066.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.85 |
| 6320061 | RPB1 | NP_010141.1 | 7.67 | 12 | 17 | 0 | 0 | 0 | 3.23 | 5 | 16 | 1.04 | 1 | 2 | 3.98 |
| 398365417 | RPB2 | NP_014794.3 | 6.05 | 7 | 8 | 1.14 | 1 | 2 | 2.45 | 2 | 5 | 2.70 | 3 | 7 | 3.02 |
| 398364469 | RPB3 | NP_012243.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.35 |
| 6322321 | RPB4 | NP_012395.1 | 8.60 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319630 | RPB5 | NP_009712.1 | 6.98 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.02 |
| 398366567 | RPB7 | NP_010692.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365775 | RPB10 | NP_014853.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37.14 | 1 | 1 | 0 |
| 6325445 | RPB6 | NP_015513.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321368 | RPB9 | NP_011445.1 | 8.20 | 1 | 2 | 8.20 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324798 | RPB8 | NP_014867.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324569 | RPB11 | NP_014638.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323632 | SPT5 | NP_013703.1 | 6.30 | 5 | 11 | 0 | 0 | 0 | 2.54 | 2 | 2 | 0 | 0 | 0 | 8.94 |
| 6321625 | TFG1 | NP_011702.1 | 3.27 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.36 |
| 6321937 | RPB12 | NP_012013.1 | 38.57 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365043 | TFG2 | NP_011519.3 | 5.00 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.00 |
| 154199603 | IWR1 | NP_010168.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365457 | SPT4 | NP_011577.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325128 | TAF14 | NP_015196.1 | 6.56 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.56 |
| 398365155 | NPA3 | NP_012606.3 | 11.95 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.83 |
| 6323272 | GPN3 | NP_013344.1 | 4.78 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322163 | IRR1 | NP_012238.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.04 | 1 | 1 | 0 | 0 | 0 | 0 |
| 398366099 | RRP41 | NP_011711.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366555 | UBA2 | NP_010678.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.20 |
| 6323670 | TAP42 | NP_013741.1 | 3.55 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.65 |
| 6323004 | SSA2 | NP_013076.1 | 57.90 | 38 | 914 | 24.57 | 10 | 28 | 12.21 | 6 | 72 | 31.46 | 14 | 134 | 56.65 |
| 6319505 | RPL4A | NP_009587.1 | 45.30 | 15 | 225 | 19.89 | 6 | 26 | 12.43 | 3 | 60 | 44.20 | 11 | 360 | 37.02 |
| 398364991 | RPL4B | NP_010295.3 | 44.75 | 14 | 218 | 19.89 | 6 | 26 | 12.43 | 3 | 60 | 0 | 0 | 0 | 0 |
| 398365303 | RPL43B | NP_012628.3 | 63.04 | 7 | 386 | 29.35 | 2 | 21 | 0 | 0 | 0 | 29.35 | 2 | 15 | 43.48 |
| 398364349 | RPL2A | NP_116688.3 | 60.24 | 14 | 523 | 4.33 | 1 | 2 | 4.33 | 1 | 1 | 24.02 | 4 | 128 | 27.17 |
| 6325337 | TEF1 | NP_015405.1 | 29.26 | 13 | 270 | 7.64 | 4 | 8 | 7.21 | 4 | 47 | 41.92 | 18 | 593 | 44.10 |
| 144228166 | SSA1 | NP_009396.2 | 57.48 | 37 | 875 | 20.87 | 9 | 29 | 8.26 | 4 | 45 | 31.31 | 14 | 135 | 57.79 |
| 6319559 | RPL19A | NP_009641.1 | 31.22 | 8 | 413 | 20.63 | 6 | 18 | 6.35 | 3 | 54 | 15.34 | 3 | 73 | 29.63 |
| 6320065 | RPL35A | NP_010145.1 | 39.17 | 6 | 40 | 34.17 | 4 | 25 | 7.50 | 1 | 1 | 0 | 0 | 0 | 30.83 |
| 398365603 | RPS4A | NP_012679.3 | 43.30 | 15 | 97 | 19.54 | 4 | 9 | 7.28 | 2 | 82 | 30.27 | 8 | 18 | 32.57 |
| 398365321 | RPS6B | NP_009740.3 | 30.51 | 6 | 86 | 19.92 | 5 | 22 | 21.61 | 4 | 148 | 23.73 | 4 | 39 | 33.90 |
| 398364655 | SSA4 | NP_011029.3 | 17.45 | 13 | 222 | 7.79 | 3 | 3 | 1.87 | 1 | 1 | 10.44 | 4 | 56 | 28.19 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 398366603 | RPS17B | NP_010735.3 | 54.41 | 8 | 129 | 53.68 | 7 | 28 | 11.76 | 1 | 19 | 22.06 | 2 | 5 | 52.94 |
| 6324533 | RPS15 | NP_014602.1 | 16.90 | 2 | 22 | 21.13 | 2 | 56 | 7.75 | 1 | 2 | 35.92 | 3 | 20 | 30.28 |
| 6323104 | RPL10 | NP_013176.1 | 37.10 | 11 | 179 | 4.98 | 1 | 6 | 9.50 | 2 | 129 | 19.91 | 4 | 246 | 27.60 |
| 6319396 | SSA3 | NP_009478.1 | 17.87 | 13 | 193 | 6.63 | 3 | 9 | 1.69 | 1 | 6 | 10.17 | 4 | 7 | 19.72 |
| 6321786 | RPL14B | NP_011862.1 | 51.45 | 8 | 135 | 44.20 | 7 | 54 | 5.80 | 1 | 6 | 0 | 0 | 0 | 0 |
| 6322847 | RPL14A | NP_012920.1 | 51.45 | 8 | 141 | 44.20 | 7 | 54 | 5.80 | 1 | 6 | 41.30 | 5 | 141 | 45.65 |
| 6324670 | RPS7A | NP_014739.1 | 26.84 | 5 | 78 | 29.47 | 6 | 21 | 0 | 0 | 0 | 51.05 | 8 | 32 | 31.05 |
| 6322668 | RPL17A | NP_012741.1 | 49.46 | 8 | 271 | 22.83 | 3 | 17 | 12.50 | 2 | 20 | 52.72 | 7 | 209 | 36.41 |
| 398365285 | CAX4 | NP_011550.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322284 | RPL17B | NP_012358.1 | 49.46 | 8 | 262 | 22.83 | 3 | 17 | 12.50 | 2 | 20 | 52.72 | 7 | 210 | 36.41 |
| 398364883 | RPS7B | NP_014303.3 | 35.79 | 6 | 71 | 37.37 | 7 | 29 | 6.84 | 1 | 1 | 36.84 | 5 | 21 | 40.00 |
| 6323791 | RPL13B | NP_013862.1 | 42.71 | 8 | 172 | 40.20 | 8 | 46 | 11.06 | 2 | 169 | 0 | 0 | 0 | 0 |
| 6320121 | RPL13A | NP_010201.1 | 42.71 | 8 | 172 | 38.69 | 7 | 44 | 11.06 | 2 | 169 | 21.61 | 4 | 160 | 37.69 |
| 6324120 | SSB2 | NP_014190.1 | 54.98 | 32 | 913 | 21.53 | 9 | 46 | 14.03 | 8 | 104 | 46.82 | 23 | 291 | 58.73 |
| 6323577 | RPS1B | NP_013648.1 | 39.22 | 9 | 77 | 21.96 | 5 | 14 | 11.37 | 3 | 32 | 18.43 | 3 | 7 | 35.29 |
| 6325157 | ATG21 | NP_015225.1 | 5.24 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323474 | RPS1A | NP_013546.1 | 39.61 | 9 | 48 | 21.96 | 5 | 12 | 14.90 | 4 | 25 | 18.43 | 3 | 3 | 27.45 |
| 398364725 | RPL23B | NP_011042.3 | 43.80 | 6 | 161 | 31.39 | 3 | 9 | 7.30 | 1 | 3 | 40.15 | 7 | 54 | 43.80 |
| 6319972 | SSB1 | NP_010052.1 | 54.98 | 32 | 881 | 23.65 | 10 | 47 | 14.03 | 8 | 104 | 46.82 | 23 | 301 | 58.73 |
| 154200011 | RPL20B | NP_014957.2 | 38.95 | 7 | 150 | 23.84 | 4 | 14 | 26.74 | 5 | 199 | 24.42 | 5 | 375 | 30.23 |
| 6322989 | UBI4 | NP_013061.1 | 50.00 | 4 | 30 | 32.89 | 2 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 38.16 |
| 9755341 | RPS16A | NP_013863.2 | 54.55 | 8 | 40 | 45.45 | 6 | 30 | 0 | 0 | 0 | 37.06 | 4 | 9 | 32.17 |
| 6319378 | RPL32 | NP_009460.1 | 44.62 | 6 | 99 | 16.15 | 2 | 5 | 6.15 | 1 | 1 | 6.15 | 1 | 4 | 23.85 |
| 6325061 | APL5 | NP_015129.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364505 | RPS3 | NP_014221.3 | 40.42 | 8 | 77 | 17.50 | 3 | 14 | 26.25 | 5 | 154 | 35.42 | 6 | 15 | 39.17 |
| 398365351 | RPS13 | NP_010349.3 | 56.29 | 8 | 94 | 41.06 | 5 | 10 | 13.25 | 2 | 4 | 23.84 | 4 | 84 | 45.70 |
| 6324260 | RPL16B | NP_014330.1 | 31.82 | 8 | 94 | 13.64 | 2 | 5 | 8.08 | 2 | 40 | 27.78 | 5 | 15 | 27.27 |
| 398365605 | RPS30B | NP_014825.3 | 30.16 | 2 | 16 | 15.87 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 15.87 |
| 6323481 | RPL6B | NP_013553.1 | 32.39 | 7 | 56 | 14.20 | 2 | 4 | 29.55 | 6 | 49 | 20.45 | 3 | 19 | 37.50 |
| 398365377 | RPS9B | NP_009748.3 | 34.36 | 9 | 62 | 0 | 0 | 0 | 12.82 | 3 | 126 | 18.46 | 3 | 18 | 30.26 |
| 6324265 | YDJ1 | NP_014335.1 | 30.56 | 12 | 81 | 0 | 0 | 0 | 6.85 | 2 | 5 | 29.10 | 7 | 65 | 27.87 |
| 398364745 | ATP7 | NP_012909.3 | 7.47 | 1 | 2 | 8.05 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 7.47 |
| 6321464 | RPS25A | NP_011541.1 | 39.81 | 6 | 51 | 31.48 | 4 | 13 | 8.33 | 1 | 6 | 12.04 | 1 | 1 | 38.89 |
| 6323077 | RPS0B | NP_013149.1 | 19.84 | 4 | 60 | 16.67 | 3 | 20 | 0 | 0 | 0 | 29.76 | 5 | 85 | 29.37 |
| 398365071 | RPS11A | NP_010308.3 | 32.05 | 6 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 6.41 | 1 | 1 | 25.64 |
| 6321653 | RPS0A | NP_011730.1 | 19.84 | 4 | 60 | 16.67 | 3 | 20 | 0 | 0 | 0 | 29.76 | 5 | 85 | 29.37 |
| 6323465 | CNA1 | NP_013537.1 | 3.62 | 2 | 2 | 1.99 | 1 | 1 | 1.99 | 1 | 1 | 0 | 0 | 0 | 7.23 |

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| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 6321335 | RPL28 | NP_011412.1 | 33.56 | 5 | 87 | 6.04 | 1 | 4 | 10.07 | 1 | 33 | 10.07 | 1 | 8 | 16.11 |
| 6322505 | SSC1 | NP_012579.1 | 45.26 | 27 | 231 | 9.79 | 4 | 18 | 4.89 | 3 | 7 | 15.14 | 7 | 13 | 45.87 |
| 6323567 | RPL6A | NP_013638.1 | 22.16 | 6 | 35 | 8.52 | 1 | 2 | 15.91 | 3 | 28 | 14.77 | 2 | 6 | 25.57 |
| 6321754 | RPL8A | NP_011830.1 | 50.00 | 14 | 222 | 30.86 | 9 | 22 | 10.94 | 3 | 60 | 28.52 | 7 | 164 | 42.19 |
| 6322984 | RPL8B | NP_013055.1 | 50.00 | 14 | 227 | 34.38 | 10 | 23 | 14.45 | 4 | 70 | 28.52 | 7 | 165 | 49.22 |
| 6323615 | RPS18B | NP_013686.1 | 54.11 | 9 | 55 | 17.81 | 3 | 12 | 15.07 | 2 | 30 | 29.45 | 4 | 18 | 43.15 |
| 398366307 | RPA190 | NP_014986.3 | 6.49 | 9 | 14 | 0 | 0 | 0 | 1.38 | 2 | 2 | 0 | 0 | 0 | 8.71 |
| 6324637 | RPL3 | NP_014706.1 | 38.76 | 16 | 266 | 18.35 | 6 | 29 | 6.72 | 3 | 20 | 21.19 | 8 | 43 | 27.13 |
| 6320128 | RPL31A | NP_010208.1 | 55.75 | 7 | 52 | 31.86 | 3 | 66 | 0 | 0 | 0 | 7.96 | 1 | 2 | 38.94 |
| 398366143 | RPL31B | NP_013510.3 | 55.75 | 7 | 48 | 23.89 | 2 | 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365761 | RPS23A | NP_011633.3 | 26.21 | 4 | 30 | 20.00 | 3 | 8 | 0 | 0 | 0 | 7.59 | 1 | 24 | 33.79 |
| 6322137 | RPL34B | NP_012212.1 | 6.61 | 1 | 33 | 6.61 | 1 | 4 | 6.61 | 1 | 1 | 9.09 | 2 | 7 | 6.61 |
| 6321315 | RPS2 | NP_011392.1 | 16.14 | 4 | 27 | 4.33 | 1 | 5 | 4.33 | 1 | 3 | 16.93 | 3 | 26 | 11.02 |
| 6320949 | RPS8B | NP_011028.1 | 39.00 | 6 | 100 | 0 | 0 | 0 | 12.00 | 3 | 50 | 20.00 | 3 | 24 | 35.50 |
| 6321798 | RPL27A | NP_011874.1 | 38.97 | 6 | 115 | 10.29 | 1 | 1 | 10.29 | 1 | 23 | 0 | 0 | 0 | 0 |
| 6325176 | RPS9A | NP_015244.1 | 35.03 | 8 | 30 | 0 | 0 | 0 | 13.71 | 2 | 22 | 19.29 | 3 | 6 | 21.83 |
| 86558907 | RHR2 | NP_012211.2 | 20.80 | 4 | 10 | 9.60 | 2 | 3 | 0 | 0 | 0 | 10.80 | 1 | 1 | 32.80 |
| 6322058 | RPL16A | NP_012133.1 | 36.18 | 9 | 73 | 14.07 | 2 | 3 | 8.04 | 2 | 33 | 27.14 | 6 | 21 | 31.66 |
| 6324027 | RPS19B | NP_014097.1 | 56.94 | 7 | 26 | 47.92 | 5 | 37 | 18.75 | 2 | 5 | 25.69 | 3 | 14 | 45.14 |
| 6323090 | RPL22A | NP_013162.1 | 38.02 | 3 | 8 | 55.37 | 3 | 37 | 14.05 | 1 | 1 | 41.32 | 2 | 9 | 55.37 |
| 6320142 | RPS29B | NP_010222.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324807 | KIN4 | NP_014876.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321522 | RPL11B | NP_011599.1 | 36.78 | 8 | 43 | 24.71 | 4 | 11 | 12.64 | 2 | 13 | 24.71 | 4 | 81 | 31.03 |
| 6322583 | RPS5 | NP_012657.1 | 34.67 | 7 | 71 | 25.78 | 5 | 33 | 0 | 0 | 0 | 29.33 | 5 | 23 | 29.78 |
| 6325126 | RPL5 | NP_015194.1 | 29.97 | 7 | 92 | 8.75 | 2 | 7 | 3.37 | 1 | 1 | 22.90 | 3 | 7 | 19.19 |
| 6323073 | PDC1 | NP_013145.1 | 36.06 | 17 | 450 | 27.53 | 10 | 71 | 7.64 | 4 | 30 | 48.31 | 19 | 321 | 43.69 |
| 398366277 | VMA4 | NP_014977.3 | 53.65 | 14 | 154 | 32.62 | 7 | 31 | 13.73 | 3 | 21 | 23.18 | 5 | 9 | 53.22 |
| 6323824 | HOT1 | NP_013895.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325066 | NAB3 | NP_015134.1 | 1.12 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364517 | RPS24A | NP_010997.3 | 31.85 | 5 | 127 | 17.78 | 2 | 19 | 6.67 | 1 | 3 | 17.78 | 2 | 39 | 31.85 |
| 6321362 | RPL7A | NP_011439.1 | 39.75 | 8 | 112 | 18.03 | 3 | 5 | 9.02 | 2 | 7 | 38.52 | 8 | 58 | 43.44 |
| 6325058 | RPL7B | NP_015126.1 | 39.75 | 8 | 54 | 18.03 | 3 | 5 | 9.02 | 2 | 8 | 38.52 | 8 | 49 | 43.44 |
| 37362649 | GUS1 | NP_011269.2 | 21.33 | 14 | 47 | 1.84 | 1 | 1 | 3.11 | 2 | 14 | 5.65 | 4 | 18 | 33.76 |
| 398365909 | RPL24B | NP_011664.3 | 31.61 | 6 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 20.65 | 3 | 40 | 15.48 |
| 6324707 | EFT1 | NP_014776.1 | 44.30 | 34 | 751 | 20.19 | 14 | 35 | 11.64 | 8 | 62 | 11.28 | 8 | 93 | 48.93 |
| 6323376 | RPL26A | NP_013448.1 | 48.82 | 8 | 59 | 29.92 | 6 | 13 | 6.30 | 1 | 24 | 0 | 0 | 0 | 0 |
| 116006491 | RPL26B | NP_011548.2 | 49.61 | 9 | 52 | 22.05 | 5 | 9 | 6.30 | 1 | 24 | 32.28 | 7 | 43 | 35.43 |

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| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 6325006 | RPL36B | NP_015074.1 | 44.00 | 7 | 141 | 50.00 | 8 | 36 | 31.00 | 3 | 51 | 33.00 | 4 | 73 | 40.00 |
| 6323848 | RPL36A | NP_013920.1 | 43.00 | 6 | 112 | 40.00 | 6 | 33 | 31.00 | 3 | 37 | 0 | 0 | 0 | 0 |
| 398366579 | RPL12B | NP_010706.3 | 53.94 | 7 | 166 | 24.24 | 3 | 12 | 9.09 | 1 | 1 | 30.91 | 4 | 57 | 49.70 |
| 6321540 | NOP7 | NP_011617.1 | 5.45 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.49 |
| 398365599 | PDC6 | NP_011601.3 | 6.93 | 3 | 103 | 3.37 | 1 | 3 | 1.60 | 1 | 25 | 8.17 | 3 | 52 | 6.93 |
| 6323163 | PDC5 | NP_013235.1 | 5.15 | 2 | 53 | 5.15 | 2 | 5 | 1.78 | 1 | 2 | 12.79 | 4 | 20 | 5.15 |
| 6323583 | CMP2 | NP_013655.1 | 7.62 | 4 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.78 |
| 398365991 | CLC1 | NP_011683.3 | 25.32 | 5 | 8 | 12.45 | 2 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 6.87 |
| 37362619 | RXT2 | NP_009653.2 | 4.65 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.12 |
| 10383793 | RPS14A | NP_009960.2 | 49.64 | 8 | 61 | 37.96 | 5 | 15 | 25.55 | 4 | 34 | 59.85 | 7 | 24 | 40.15 |
| 6322271 | RPS22A | NP_012345.1 | 24.62 | 3 | 52 | 24.62 | 3 | 13 | 0 | 0 | 0 | 25.38 | 2 | 3 | 24.62 |
| 6321407 | RPL24A | NP_011484.1 | 32.26 | 7 | 92 | 5.81 | 1 | 1 | 6.45 | 1 | 2 | 20.65 | 3 | 42 | 22.58 |
| 6323357 | RPL38 | NP_013429.1 | 41.03 | 3 | 42 | 28.21 | 2 | 6 | 0 | 0 | 0 | 35.90 | 2 | 10 | 32.05 |
| 398366183 | HTB1 | NP_010510.3 | 31.30 | 5 | 15 | 25.95 | 4 | 9 | 0 | 0 | 0 | 11.45 | 1 | 1 | 39.69 |
| 398364287 | GCN1 | NP_011320.3 | 3.29 | 9 | 15 | 0 | 0 | 0 | 1.27 | 3 | 11 | 1.98 | 4 | 8 | 8.16 |
| 6320016 | VMA1 | NP_010096.1 | 28.48 | 29 | 176 | 0.84 | 1 | 1 | 2.80 | 3 | 3 | 13.63 | 11 | 88 | 33.43 |
| 14318481 | TUB2 | NP_116616.1 | 20.57 | 8 | 70 | 0 | 0 | 0 | 1.97 | 1 | 3 | 29.98 | 9 | 88 | 27.79 |
| 398364585 | KAR2 | NP_012500.3 | 30.65 | 20 | 121 | 0 | 0 | 0 | 3.67 | 2 | 10 | 4.40 | 2 | 56 | 32.40 |
| 6323196 | RPS31 | NP_013268.1 | 10.53 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.53 |
| 6321013 | PAB1 | NP_011092.1 | 47.14 | 24 | 171 | 27.21 | 10 | 23 | 5.03 | 2 | 13 | 4.51 | 2 | 67 | 35.18 |
| 6324993 | FUM1 | NP_015061.1 | 2.66 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.66 |
| 398366075 | RPS29A | NP_013492.3 | 14.29 | 1 | 2 | 14.29 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 14.29 |
| 6322755 | YJU2 | NP_012828.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11.15 |
| 398366059 | PLP2 | NP_014924.3 | 8.39 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.34 |
| 6320718 | SMT3 | NP_010798.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.93 |
| 398365031 | YBR139W | NP_009697.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321850 | FYV4 | NP_011926.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366083 | TDH3 | NP_011708.3 | 41.27 | 14 | 233 | 55.12 | 20 | 643 | 12.05 | 4 | 85 | 62.65 | 14 | 151 | 49.70 |
| 6319279 | CDC19 | NP_009362.1 | 48.20 | 22 | 147 | 53.80 | 24 | 121 | 18.40 | 8 | 26 | 38.20 | 16 | 363 | 55.60 |
| 6322468 | TDH2 | NP_012542.1 | 41.27 | 13 | 231 | 49.70 | 16 | 639 | 12.05 | 4 | 85 | 34.64 | 10 | 102 | 47.59 |
| 6321249 | RPS26A | NP_011326.1 | 26.05 | 3 | 41 | 20.17 | 2 | 2 | 20.17 | 2 | 7 | 0 | 0 | 0 | 0 |
| 6321772 | RPS20 | NP_011848.1 | 37.19 | 4 | 27 | 37.19 | 5 | 17 | 12.40 | 2 | 3 | 36.36 | 4 | 17 | 45.45 |
| 14318474 | SEC53 | NP_116609.1 | 22.05 | 5 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31.10 |
| 6320589 | YRA1 | NP_010669.1 | 14.16 | 3 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 3.54 | 1 | 1 | 20.80 |
| 6320805 | ECM10 | NP_010884.1 | 12.27 | 9 | 93 | 0 | 0 | 0 | 1.24 | 1 | 1 | 0 | 0 | 0 | 0 |
| 6323776 | ECM16 | NP_013847.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320596 | RVS167 | NP_010676.1 | 5.60 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 6.43 | 3 | 3 | 4.98 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 398366359 | SLH1 | NP_011787.4 | 0.81 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.46 |
| 6324321 | SIS1 | NP_014391.1 | 42.33 | 11 | 69 | 17.05 | 4 | 10 | 3.41 | 1 | 1 | 0 | 0 | 0 | 26.14 |
| 6319447 | NCL1 | NP_009529.1 | 5.99 | 3 | 5 | 0 | 0 | 0 | 4.82 | 2 | 4 | 0 | 0 | 0 | 16.52 |
| 6323112 | EMP70 | NP_013184.1 | 8.25 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.40 |
| 6324595 | SFM1 | NP_014664.1 | 13.62 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443411 | UBP13 | NP_009486.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.87 |
| 6323868 | EFR3 | NP_013939.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.79 | 1 | 2 | 0 | 0 | 0 | 0 |
| 330443676 | CDC34 | NP_013418.2 | 5.00 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.58 |
| 6320615 | TRS120 | NP_010695.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.93 |
| 6323487 | FMP27 | NP_013559.1 | 0.49 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.34 |
| 6320231 | REG1 | NP_010311.1 | 0.89 | 1 | 5 | 1.28 | 1 | 1 | 0 | 0 | 0 | 0.89 | 1 | 1 | 0 |
| 6324585 | AUS1 | NP_014654.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325048 | RKM1 | NP_015116.1 | 6.86 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323732 | SEG1 | NP_013803.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364779 | YGL041W | NP_00110617 | 5.19 | 1 | 1 | 18.83 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365827 | CAF130 | NP_011650.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325063 | RSA1 | NP_015131.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365559 | MSH6 | NP_010382.3 | 1.61 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365727 | YNR034W | NP_061494.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40.82 |
| 6323683 | YET2 | NP_013754.1 | 4.38 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443366 | GPB2 | NP_009345.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325012 | HUT1 | NP_015080.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 99030927 | KKQ8 | NP_012753.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364567 | MAD1 | NP_011429.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320763 | RMD6 | NP_010842.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365009 | MEC1 | NP_009694.3 | 17.02 | 39 | 241 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28.25 |
| 398364407 | RPL9A | NP_011368.3 | 29.32 | 5 | 44 | 19.90 | 3 | 13 | 6.28 | 1 | 12 | 35.08 | 6 | 74 | 48.69 |
| 6324298 | HHF2 | NP_014368.1 | 40.78 | 4 | 26 | 0 | 0 | 0 | 9.71 | 1 | 4 | 0 | 0 | 0 | 40.78 |
| 6324262 | RPL9B | NP_014332.1 | 19.37 | 4 | 38 | 9.95 | 2 | 5 | 6.28 | 1 | 12 | 25.13 | 5 | 47 | 48.69 |
| 398364523 | TDH1 | NP_012483.3 | 22.59 | 6 | 83 | 31.63 | 8 | 273 | 9.34 | 3 | 84 | 24.70 | 8 | 69 | 28.92 |
| 398364951 | VMA2 | NP_009685.3 | 59.77 | 27 | 245 | 15.09 | 5 | 12 | 7.54 | 3 | 6 | 43.71 | 16 | 152 | 60.54 |
| 6321333 | ARC1 | NP_011410.1 | 9.84 | 3 | 7 | 0 | 0 | 0 | 6.91 | 2 | 7 | 2.66 | 1 | 1 | 17.29 |
| 6321408 | RPL30 | NP_011485.1 | 56.19 | 4 | 76 | 29.52 | 2 | 7 | 0 | 0 | 0 | 21.90 | 2 | 22 | 38.10 |
| 6324445 | RPL25 | NP_014514.1 | 42.96 | 6 | 106 | 24.65 | 3 | 14 | 24.65 | 3 | 21 | 18.31 | 2 | 19 | 35.21 |
| 6325114 | RPL33A | NP_015182.1 | 25.23 | 3 | 34 | 0 | 0 | 0 | 9.35 | 1 | 3 | 9.35 | 1 | 2 | 24.30 |
| 398365881 | RPL33B | NP_014877.3 | 24.30 | 2 | 25 | 0 | 0 | 0 | 9.35 | 1 | 3 | 9.35 | 1 | 2 | 24.30 |
| 398364339 | THS1 | NP_116578.3 | 17.03 | 11 | 31 | 2.18 | 1 | 1 | 1.91 | 1 | 1 | 5.59 | 3 | 5 | 31.74 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|----------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 398365335 | YNL033W | NP_014365.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33438893 | YPL119C- | NP_878181.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322579 | JHD2 | NP_012653.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324141 | KAR1 | NP_014211.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383756 | LRE1 | NP_009879.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364917 | NHP10 | NP_010282.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323035 | NSE1 | NP_013107.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50593425 | OMA1 | NP_013013.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321910 | ORC6 | NP_011986.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322494 | PET191 | NP_012568.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365057 | SPO14 | NP_012956.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364971 | TRP1 | NP_010290.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365003 | PSF1 | NP_010296.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321697 | RAD2 | NP_011774.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319525 | REG2 | NP_009606.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320271 | RTR2 | NP_010351.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324162 | SKO1 | NP_014232.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366633 | SNM1 | NP_010766.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322778 | STB6 | NP_012851.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325081 | TRE1 | NP_015149.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324447 | TRM13 | NP_014516.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323236 | HRD3 | NP_013308.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325184 | UBP16 | NP_015253.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364885 | UBP5 | NP_011071.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325071 | UIP4 | NP_015138.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365127 | UIP5 | NP_012970.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319904 | YIH1 | NP_009985.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325266 | SUT2 | NP_015334.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324449 | HRP1 | NP_014518.1 | 9.74 | 3 | 6 | 4.31 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.18 |
| 6323278 | YEF3 | NP_013350.1 | 26.05 | 26 | 305 | 2.49 | 2 | 4 | 9.39 | 9 | 161 | 29.98 | 19 | 222 | 43.68 |
| 6322084 | PFK26 | NP_012159.1 | 22.73 | 18 | 84 | 0 | 0 | 0 | 5.68 | 3 | 25 | 1.21 | 1 | 1 | 37.85 |
| 6323057 | RPL15A | NP_013129.1 | 26.47 | 6 | 72 | 3.43 | 1 | 1 | 0 | 0 | 0 | 20.59 | 4 | 46 | 25.49 |
| 6323769 | RPL15B | NP_013840.1 | 26.47 | 6 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 20.59 | 4 | 10 | 25.49 |
| 6319282 | FUN12 | NP_009365.1 | 5.89 | 5 | 12 | 0 | 0 | 0 | 1.30 | 1 | 2 | 0.90 | 1 | 2 | 3.09 |
| 6320190 | NOP1 | NP_010270.1 | 11.01 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35.17 |
| 6323654 | CLU1 | NP_013725.1 | 5.40 | 6 | 9 | 0 | 0 | 0 | 4.62 | 4 | 11 | 1.64 | 2 | 2 | 16.60 |
| 6324886 | NOP58 | NP_014955.1 | 12.72 | 6 | 14 | 0 | 0 | 0 | 5.87 | 2 | 8 | 0 | 0 | 0 | 20.74 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 6321807 | DED81 | NP_011883.1 | 24.37 | 10 | 33 | 2.17 | 1 | 2 | 7.40 | 3 | 7 | 0 | 0 | 0 | 33.57 |
| 398364767 | SUI2 | NP_012540.3 | 9.54 | 2 | 5 | 0 | 0 | 0 | 3.62 | 1 | 2 | 0 | 0 | 0 | 18.75 |
| 6323011 | DPS1 | NP_013083.1 | 32.68 | 16 | 46 | 0 | 0 | 0 | 5.75 | 2 | 5 | 3.23 | 2 | 13 | 35.01 |
| 6323885 | RRP5 | NP_013956.1 | 4.80 | 8 | 12 | 0 | 0 | 0 | 1.91 | 3 | 4 | 0.52 | 1 | 1 | 8.62 |
| 398366547 | RPP2B | NP_010670.3 | 98.18 | 8 | 114 | 60.00 | 3 | 19 | 23.64 | 2 | 30 | 23.64 | 2 | 3 | 81.82 |
| 6323288 | HSP60 | NP_013360.1 | 49.65 | 25 | 160 | 30.07 | 13 | 45 | 13.99 | 7 | 50 | 18.36 | 9 | 18 | 44.76 |
| 6321599 | NSR1 | NP_011675.1 | 17.87 | 7 | 10 | 0 | 0 | 0 | 3.38 | 1 | 15 | 0 | 0 | 0 | 13.04 |
| 6320863 | GCD11 | NP_010942.1 | 13.28 | 5 | 7 | 0 | 0 | 0 | 3.61 | 1 | 1 | 1.71 | 1 | 11 | 16.70 |
| 398366591 | NPL3 | NP_010720.3 | 13.77 | 4 | 16 | 6.52 | 2 | 2 | 3.38 | 1 | 2 | 11.35 | 3 | 18 | 27.05 |
| 6319483 | IPP1 | NP_009565.1 | 20.21 | 5 | 6 | 17.07 | 3 | 8 | 4.18 | 1 | 1 | 0 | 0 | 0 | 9.76 |
| 6325221 | PMA2 | NP_015289.1 | 17.53 | 16 | 229 | 1.37 | 1 | 1 | 4.01 | 3 | 71 | 0 | 0 | 0 | 0 |
| 6322745 | GFA1 | NP_012818.1 | 13.67 | 8 | 33 | 0 | 0 | 0 | 3.49 | 2 | 3 | 15.20 | 7 | 22 | 32.50 |
| 398364525 | LSG1 | NP_011416.3 | 5.16 | 3 | 3 | 0 | 0 | 0 | 2.19 | 1 | 1 | 0 | 0 | 0 | 3.91 |
| 6325038 | SAR1 | NP_015106.1 | 19.47 | 3 | 29 | 0 | 0 | 0 | 6.84 | 1 | 8 | 13.68 | 2 | 104 | 46.32 |
| 6323840 | HSC82 | NP_013911.1 | 48.09 | 34 | 428 | 9.22 | 5 | 17 | 19.15 | 13 | 109 | 11.21 | 5 | 8 | 41.28 |
| 6321881 | GAR1 | NP_011957.1 | 11.71 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 10.24 | 1 | 1 | 14.15 |
| 6320164 | NAT1 | NP_010244.1 | 1.41 | 1 | 1 | 0 | 0 | 0 | 3.16 | 2 | 4 | 0 | 0 | 0 | 5.62 |
| 398366403 | RPS12 | NP_015014.3 | 26.57 | 5 | 44 | 18.88 | 2 | 2 | 8.39 | 1 | 2 | 0 | 0 | 0 | 29.37 |
| 6322830 | CDC16 | NP_012903.1 | 20.24 | 15 | 92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24.52 |
| 330443397 | ATP1 | NP_009453.2 | 28.99 | 16 | 123 | 7.52 | 3 | 4 | 11.93 | 6 | 27 | 32.84 | 16 | 287 | 37.25 |
| 6324709 | IDH2 | NP_014779.1 | 3.79 | 2 | 2 | 4.88 | 1 | 2 | 0 | 0 | 0 | 8.13 | 2 | 3 | 14.91 |
| 6325178 | RPL21B | NP_015246.1 | 39.38 | 7 | 198 | 16.88 | 3 | 5 | 16.25 | 3 | 89 | 0 | 0 | 0 | 0 |
| 6321903 | UBA4 | NP_011979.1 | 25.91 | 13 | 108 | 0 | 0 | 0 | 5.91 | 2 | 2 | 0 | 0 | 0 | 28.86 |
| 6325138 | DBP1 | NP_015206.1 | 8.10 | 5 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325248 | TAE2 | NP_015316.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.18 |
| 330443505 | DBP10 | NP_010253.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.90 | 1 | 1 | 1.31 |
| 6320148 | PSA1 | NP_010228.1 | 22.16 | 6 | 40 | 4.99 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 42.66 |
| 6325016 | HSP82 | NP_015084.1 | 46.12 | 32 | 408 | 6.77 | 4 | 15 | 17.63 | 12 | 108 | 6.91 | 4 | 6 | 42.60 |
| 6320874 | ARB1 | NP_010953.1 | 25.41 | 14 | 30 | 0 | 0 | 0 | 6.56 | 3 | 27 | 13.77 | 6 | 128 | 19.84 |
| 6319673 | PGI1 | NP_009755.1 | 7.40 | 4 | 7 | 7.40 | 3 | 37 | 2.71 | 1 | 4 | 0 | 0 | 0 | 7.04 |
| 398365251 | GSC2 | NP_011546.3 | 6.12 | 10 | 41 | 0 | 0 | 0 | 1.21 | 2 | 2 | 0 | 0 | 0 | 11.50 |
| 6325018 | SUI3 | NP_015087.1 | 14.74 | 4 | 14 | 4.21 | 1 | 2 | 6.67 | 2 | 2 | 0 | 0 | 0 | 33.68 |
| 6323374 | FKS1 | NP_013446.1 | 12.90 | 18 | 83 | 0 | 0 | 0 | 1.23 | 2 | 6 | 0 | 0 | 0 | 18.28 |
| 14318479 | ACT1 | NP_116614.1 | 40.00 | 13 | 158 | 7.73 | 3 | 4 | 8.80 | 3 | 6 | 28.80 | 6 | 52 | 37.33 |
| 6323554 | TUB1 | NP_013625.1 | 20.13 | 7 | 32 | 0 | 0 | 0 | 2.01 | 1 | 2 | 16.55 | 4 | 22 | 26.85 |
| 6321724 | ZUO1 | NP_011801.1 | 26.33 | 9 | 19 | 0 | 0 | 0 | 5.77 | 2 | 7 | 12.01 | 3 | 4 | 30.95 |
| 6320842 | NUG1 | NP_010921.1 | 13.27 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 1.92 | 1 | 2 | 21.15 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 6321027 | DMC1 | NP_011106.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364483 | HOR2 | NP_010984.3 | 10.00 | 2 | 5 | 4.00 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365429 | PDR5 | NP_014796.3 | 12.97 | 17 | 59 | 0 | 0 | 0 | 0.73 | 1 | 1 | 0 | 0 | 0 | 11.25 |
| 6325245 | RRP12 | NP_015313.1 | 1.22 | 1 | 1 | 0 | 0 | 0 | 2.36 | 2 | 2 | 0 | 0 | 0 | 2.12 |
| 398364937 | TOP2 | NP_014311.3 | 0.84 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.25 |
| 6324660 | TCB1 | NP_014729.1 | 4.05 | 4 | 9 | 0 | 0 | 0 | 1.26 | 1 | 1 | 0 | 0 | 0 | 2.78 |
| 6320056 | COP1 | NP_010136.1 | 12.49 | 13 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 1.50 | 1 | 3 | 10.82 |
| 398365597 | BMH2 | NP_010384.3 | 36.26 | 11 | 47 | 23.08 | 5 | 13 | 5.13 | 1 | 1 | 4.03 | 1 | 1 | 21.98 |
| 6325030 | NEW1 | NP_015098.1 | 14.88 | 15 | 41 | 0 | 0 | 0 | 3.09 | 3 | 3 | 1.59 | 2 | 10 | 16.72 |
| 6321809 | RPS27B | NP_011885.1 | 18.29 | 2 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 9.76 | 1 | 3 | 18.29 |
| 6321012 | CHD1 | NP_011091.1 | 0.89 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.89 |
| 6320499 | SSD1 | NP_010579.1 | 1.92 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.16 |
| 6323072 | TRX1 | NP_013144.1 | 66.02 | 6 | 40 | 12.62 | 1 | 1 | 33.98 | 3 | 5 | 0 | 0 | 0 | 66.02 |
| 6325238 | VTC3 | NP_015306.1 | 0.96 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.71 |
| 398365319 | MAK21 | NP_010345.3 | 0 | 0 | 0 | 0 | 0 | 0 | 1.27 | 1 | 2 | 0 | 0 | 0 | 2.34 |
| 398364327 | LSB3 | NP_219497.4 | 14.60 | 5 | 7 | 0 | 0 | 0 | 3.92 | 1 | 1 | 3.92 | 1 | 1 | 8.93 |
| 6319513 | ATP3 | NP_009595.1 | 31.51 | 10 | 41 | 10.61 | 2 | 9 | 12.22 | 3 | 32 | 18.65 | 5 | 11 | 40.84 |
| 6324140 | SRP1 | NP_014210.1 | 8.12 | 4 | 10 | 0 | 0 | 0 | 2.40 | 1 | 1 | 1.48 | 1 | 1 | 7.20 |
| 6324297 | HHT2 | NP_014367.1 | 11.76 | 2 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323306 | DBP9 | NP_013378.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324039 | RFC3 | NP_014109.1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.82 | 1 | 1 | 0 | 0 | 0 | 0 |
| 6321193 | RTF1 | NP_011270.1 | 1.79 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24.91 |
| 398366149 | TRX2 | NP_011725.3 | 66.35 | 6 | 50 | 11.54 | 1 | 5 | 34.62 | 3 | 6 | 0 | 0 | 0 | 66.35 |
| 6322452 | CCT8 | NP_012526.1 | 24.65 | 12 | 30 | 0 | 0 | 0 | 4.58 | 2 | 6 | 7.92 | 3 | 5 | 30.46 |
| 6321679 | PFK1 | NP_011756.1 | 16.11 | 12 | 31 | 2.03 | 1 | 1 | 2.63 | 2 | 5 | 1.11 | 1 | 1 | 26.65 |
| 6324219 | NOP15 | NP_014289.1 | 4.09 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443717 | CTR9 | NP_014496.2 | 0.84 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.84 |
| 6323755 | ILV2 | NP_013826.1 | 13.97 | 9 | 52 | 0 | 0 | 0 | 5.09 | 3 | 54 | 13.39 | 5 | 21 | 28.24 |
| 6320276 | PAA1 | NP_010356.1 | 17.80 | 3 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16.23 |
| 6681849 | RPL42A | NP_014237.2 | 15.09 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22.64 |
| 14318517 | SEC4 | NP_116650.1 | 37.21 | 7 | 34 | 0 | 0 | 0 | 5.58 | 1 | 1 | 5.58 | 1 | 7 | 50.23 |
| 6320400 | MSS116 | NP_010480.1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.77 | 2 | 4 | 0 | 0 | 0 | 14.16 |
| 6321389 | TIF4632 | NP_011466.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.98 |
| 6324081 | RPA49 | NP_014151.1 | 2.41 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.61 |
| 398366347 | MES1 | NP_011780.3 | 12.78 | 10 | 32 | 0 | 0 | 0 | 2.80 | 2 | 2 | 3.33 | 2 | 5 | 22.24 |
| 6320418 | TCP1 | NP_010498.1 | 14.49 | 7 | 30 | 0 | 0 | 0 | 3.94 | 2 | 21 | 0 | 0 | 0 | 23.61 |
| 398365595 | PIL1 | NP_011600.3 | 29.50 | 9 | 49 | 2.36 | 1 | 1 | 5.90 | 2 | 4 | 17.11 | 5 | 25 | 39.53 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 398364417 | SAH1 | NP_010961.3 | 13.14 | 5 | 12 | 7.80 | 3 | 10 | 2.67 | 1 | 1 | 0 | 0 | 0 | 5.12 |
| 6320396 | RVB1 | NP_010476.1 | 16.41 | 6 | 25 | 0 | 0 | 0 | 10.37 | 4 | 13 | 21.17 | 5 | 8 | 40.82 |
| 6320077 | CDC48 | NP_010157.1 | 31.62 | 20 | 138 | 12.22 | 8 | 17 | 3.23 | 2 | 7 | 12.22 | 5 | 9 | 35.33 |
| 6325025 | FAS2 | NP_015093.1 | 13.25 | 20 | 37 | 4.40 | 7 | 16 | 0.64 | 1 | 3 | 2.38 | 4 | 4 | 21.78 |
| 6324517 | THI20 | NP_014586.1 | 7.99 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47.19 |
| 6323030 | NOC3 | NP_013102.1 | 1.66 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.41 |
| 6320143 | TSR1 | NP_010223.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321318 | PRP43 | NP_011395.1 | 2.87 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.26 |
| 6319618 | MAK5 | NP_009700.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.42 |
| 398364755 | URB1 | NP_012911.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320780 | POL5 | NP_010859.1 | 2.54 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0.98 | 1 | 1 | 1.47 |
| 6325021 | RVB2 | NP_015089.1 | 28.45 | 11 | 28 | 0 | 0 | 0 | 5.10 | 2 | 14 | 4.46 | 2 | 12 | 38.85 |
| 6322350 | CCT7 | NP_012424.1 | 16.55 | 8 | 14 | 0 | 0 | 0 | 9.64 | 4 | 7 | 2.18 | 1 | 1 | 34.91 |
| 14270688 | UTP20 | NP_009551.2 | 0.40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.64 |
| 6324197 | KRE33 | NP_014267.1 | 3.31 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.31 |
| 6321816 | RPN1 | NP_011892.1 | 14.70 | 13 | 36 | 0.70 | 1 | 1 | 4.33 | 5 | 19 | 4.53 | 3 | 5 | 17.22 |
| 6322901 | NAP1 | NP_012974.1 | 31.41 | 9 | 55 | 9.59 | 2 | 4 | 4.08 | 1 | 2 | 0 | 0 | 0 | 36.93 |
| 6320030 | GLT1 | NP_010110.1 | 7.88 | 14 | 19 | 0 | 0 | 0 | 1.68 | 3 | 12 | 0.47 | 1 | 7 | 17.06 |
| 6323470 | CAR2 | NP_013542.1 | 3.07 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.84 |
| 6320956 | KAP123 | NP_011035.1 | 14.29 | 13 | 39 | 0 | 0 | 0 | 3.50 | 3 | 16 | 0.99 | 1 | 1 | 17.43 |
| 398365941 | SEC7 | NP_010454.3 | 3.58 | 7 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.45 |
| 6323324 | GSP1 | NP_013396.1 | 20.55 | 4 | 15 | 10.05 | 2 | 6 | 0 | 0 | 0 | 9.59 | 2 | 16 | 24.20 |
| 6322697 | GPM1 | NP_012770.1 | 48.99 | 11 | 213 | 46.56 | 10 | 75 | 0 | 0 | 0 | 23.89 | 5 | 20 | 32.39 |
| 6325013 | SRP68 | NP_015081.1 | 1.34 | 1 | 1 | 0 | 0 | 0 | 2.17 | 1 | 2 | 0 | 0 | 0 | 4.51 |
| 6322103 | AVT7 | NP_012178.1 | 1.63 | 1 | 1 | 0 | 0 | 0 | 1.63 | 1 | 1 | 1.63 | 1 | 5 | 1.63 |
| 6322049 | CCT2 | NP_012124.1 | 15.75 | 7 | 31 | 0 | 0 | 0 | 2.28 | 1 | 1 | 10.44 | 4 | 6 | 41.56 |
| 330443694 | SLA2 | NP_014156.2 | 2.07 | 2 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.19 |
| 6321804 | YSC84 | NP_011880.1 | 4.27 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.85 |
| 398366021 | CCT6 | NP_010474.3 | 6.96 | 4 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 2.93 | 1 | 1 | 21.79 |
| 6324042 | SEC21 | NP_014112.1 | 6.74 | 5 | 8 | 0 | 0 | 0 | 1.82 | 1 | 1 | 1.28 | 1 | 2 | 10.05 |
| 398364741 | SCS2 | NP_011046.3 | 17.21 | 3 | 7 | 0 | 0 | 0 | 11.48 | 2 | 9 | 0 | 0 | 0 | 17.21 |
| 6325253 | LSP1 | NP_015321.1 | 35.19 | 11 | 57 | 3.52 | 1 | 3 | 0 | 0 | 0 | 9.09 | 3 | 35 | 38.71 |
| 6321390 | RPT6 | NP_011467.1 | 15.80 | 6 | 8 | 0 | 0 | 0 | 6.67 | 2 | 4 | 11.36 | 3 | 6 | 17.04 |
| 398364807 | PNC1 | NP_011478.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17.59 |
| 6325164 | NOG1 | NP_015232.1 | 5.26 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.81 |
| 6319814 | GRX1 | NP_009895.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322823 | MAE1 | NP_012896.1 | 12.56 | 7 | 12 | 0 | 0 | 0 | 4.04 | 2 | 8 | 18.98 | 8 | 49 | 18.09 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 6320255 | TPI1 | NP_010335.1 | 23.79 | 5 | 15 | 18.15 | 4 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 14.52 |
| 6320983 | GDI1 | NP_011062.1 | 5.32 | 2 | 3 | 1.77 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 8.65 |
| 398365205 | RPT5 | NP_014760.3 | 30.88 | 10 | 22 | 0 | 0 | 0 | 8.29 | 3 | 6 | 24.19 | 9 | 21 | 36.87 |
| 6324992 | KEL3 | NP_015060.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.54 |
| 6323028 | DNM1 | NP_013100.1 | 5.94 | 4 | 5 | 0 | 0 | 0 | 1.59 | 1 | 2 | 0 | 0 | 0 | 3.43 |
| 398365977 | RPT4 | NP_014902.3 | 7.78 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 9.61 | 3 | 6 | 10.07 |
| 6320058 | CCT4 | NP_010138.1 | 9.66 | 4 | 12 | 0 | 0 | 0 | 5.30 | 2 | 23 | 2.84 | 1 | 6 | 17.05 |
| 6320379 | HMO1 | NP_010459.1 | 8.54 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.41 |
| 6322508 | CYC1 | NP_012582.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325137 | VPS30 | NP_015205.1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.51 | 1 | 3 | 0 | 0 | 0 | 0 |
| 6321301 | SEC27 | NP_011378.1 | 13.39 | 11 | 57 | 0 | 0 | 0 | 3.04 | 2 | 12 | 1.12 | 1 | 1 | 13.39 |
| 6321673 | YHB1 | NP_011750.1 | 11.03 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 4.26 | 1 | 1 | 7.27 |
| 27469359 | SYN8 | NP_009388.2 | 2.75 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324433 | CDC33 | NP_014502.1 | 27.70 | 5 | 10 | 0 | 0 | 0 | 11.27 | 2 | 12 | 0 | 0 | 0 | 18.78 |
| 6323571 | POB3 | NP_013642.1 | 3.08 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.60 |
| 398365157 | NOP2 | NP_014338.3 | 3.72 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.09 |
| 6321228 | YPT32 | NP_011305.1 | 31.98 | 6 | 26 | 0 | 0 | 0 | 11.71 | 2 | 6 | 15.32 | 3 | 9 | 35.14 |
| 398366559 | RPT3 | NP_010682.3 | 2.80 | 1 | 2 | 0 | 0 | 0 | 2.80 | 1 | 1 | 12.62 | 3 | 13 | 18.69 |
| 6322704 | RPT1 | NP_012777.1 | 27.41 | 9 | 19 | 0 | 0 | 0 | 2.78 | 1 | 2 | 0 | 0 | 0 | 20.99 |
| 398366379 | PRT1 | NP_015006.3 | 13.50 | 10 | 19 | 0 | 0 | 0 | 4.98 | 3 | 12 | 1.31 | 1 | 1 | 27.65 |
| 398365125 | PDA1 | NP_011105.4 | 24.52 | 9 | 30 | 0 | 0 | 0 | 4.29 | 1 | 1 | 0 | 0 | 0 | 20.95 |
| 398364913 | GND1 | NP_012053.3 | 10.02 | 4 | 15 | 5.73 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 17.18 |
| 6322637 | SAC1 | NP_012710.1 | 13.48 | 6 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.74 |
| 398365933 | CYS4 | NP_011671.3 | 48.32 | 21 | 125 | 4.34 | 1 | 2 | 8.48 | 3 | 3 | 5.52 | 2 | 16 | 52.47 |
| 6323903 | FAA4 | NP_013974.1 | 7.49 | 5 | 20 | 0 | 0 | 0 | 1.44 | 1 | 6 | 1.73 | 1 | 2 | 11.10 |
| 6319806 | PDI1 | NP_009887.1 | 36.02 | 16 | 98 | 4.21 | 1 | 4 | 8.81 | 3 | 12 | 0 | 0 | 0 | 34.87 |
| 6323512 | PHO84 | NP_013583.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.90 | 1 | 1 | 0 |
| 6325367 | RPC40 | NP_015435.1 | 13.43 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19.10 |
| 6319835 | GBP2 | NP_009916.1 | 2.11 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.85 |
| 6319290 | MYO4 | NP_009373.1 | 1.02 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318531 | GCN20 | NP_116664.1 | 5.19 | 4 | 6 | 0 | 0 | 0 | 3.32 | 2 | 6 | 1.20 | 1 | 4 | 6.38 |
| 6320869 | YPT31 | NP_010948.1 | 32.29 | 6 | 26 | 0 | 0 | 0 | 11.66 | 2 | 6 | 15.25 | 3 | 9 | 49.33 |
| 398365617 | UTP22 | NP_011604.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.62 |
| 398366209 | RTN1 | NP_010519.3 | 20.68 | 6 | 37 | 9.83 | 2 | 6 | 9.83 | 2 | 16 | 9.83 | 2 | 7 | 13.22 |
| 6325097 | CDC60 | NP_015165.1 | 17.43 | 17 | 40 | 2.39 | 1 | 1 | 2.11 | 2 | 7 | 2.02 | 1 | 1 | 17.61 |
| 6323294 | RPS28B | NP_013366.1 | 31.34 | 2 | 45 | 41.79 | 3 | 7 | 13.43 | 1 | 15 | 0 | 0 | 0 | 31.34 |
| 6325151 | SSE1 | NP_015219.1 | 36.08 | 24 | 184 | 9.24 | 4 | 5 | 11.40 | 6 | 16 | 8.23 | 5 | 46 | 41.56 |

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| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 398364441 | NOT3 | NP_012226.3 | 3.71 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.16 |
| 398366191 | RPN13 | NP_013525.3 | 15.38 | 2 | 4 | 0 | 0 | 0 | 8.33 | 1 | 1 | 0 | 0 | 0 | 8.33 |
| 6321453 | YGR016W | NP_011530.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320930 | ILV1 | NP_011009.1 | 18.06 | 8 | 11 | 0 | 0 | 0 | 2.43 | 1 | 3 | 13.19 | 5 | 76 | 33.85 |
| 6323016 | PUF3 | NP_013088.1 | 3.19 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.14 |
| 37362700 | SRP72 | NP_015114.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321326 | TAF6 | NP_011403.1 | 3.49 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.91 |
| 6322565 | ADO1 | NP_012639.1 | 15.59 | 4 | 11 | 7.35 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319722 | ISW1 | NP_009804.1 | 1.06 | 1 | 1 | 0 | 0 | 0 | 0.89 | 1 | 1 | 0 | 0 | 0 | 4.34 |
| 330443605 | SET2 | NP_012367.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.68 |
| 398365101 | ARP3 | NP_012599.3 | 9.58 | 4 | 10 | 2.45 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6.68 |
| 6321780 | STE20 | NP_011856.1 | 3.30 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321776 | PRS3 | NP_011852.1 | 14.69 | 5 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 10.31 | 3 | 9 | 22.19 |
| 6323214 | RPL37A | NP_013286.1 | 21.59 | 2 | 7 | 13.64 | 1 | 1 | 11.36 | 1 | 1 | 0 | 0 | 0 | 0 |
| 6321757 | ECM29 | NP_011833.1 | 0.75 | 1 | 1 | 0 | 0 | 0 | 0.59 | 1 | 1 | 0 | 0 | 0 | 0 |
| 398365069 | ADH5 | NP_009703.3 | 5.70 | 2 | 16 | 2.28 | 1 | 1 | 0 | 0 | 0 | 2.28 | 1 | 1 | 5.70 |
| 398365695 | CPR8 | NP_014425.3 | 3.57 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319854 | RVS161 | NP_009935.1 | 10.19 | 3 | 3 | 0 | 0 | 0 | 3.40 | 1 | 2 | 7.92 | 1 | 2 | 19.62 |
| 6324620 | DBP5 | NP_014689.1 | 19.50 | 7 | 16 | 0 | 0 | 0 | 5.19 | 2 | 2 | 11.62 | 4 | 6 | 17.43 |
| 6321399 | YGL039W | NP_011476.1 | 6.90 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.20 |
| 398365061 | SUP45 | NP_009701.3 | 16.25 | 8 | 26 | 0 | 0 | 0 | 2.97 | 1 | 4 | 2.97 | 1 | 11 | 40.27 |
| 6324673 | KTR1 | NP_014742.1 | 15.01 | 6 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16.54 |
| 6323387 | ILV5 | NP_013459.1 | 13.67 | 5 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28.10 |
| 6323795 | TIF34 | NP_013866.1 | 20.46 | 6 | 22 | 0 | 0 | 0 | 2.31 | 1 | 1 | 2.31 | 1 | 1 | 38.62 |
| 6322667 | PRS1 | NP_012740.1 | 5.15 | 2 | 4 | 0 | 0 | 0 | 3.28 | 1 | 18 | 2.58 | 1 | 2 | 16.39 |
| 6320910 | RGI1 | NP_010990.1 | 8.07 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365575 | HOM6 | NP_012673.3 | 0 | 0 | 0 | 10.03 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323916 | TIF11 | NP_013987.1 | 6.54 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.03 |
| 6321612 | RBG2 | NP_011689.1 | 2.72 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.95 |
| 6323225 | PWP1 | NP_013297.1 | 11.28 | 5 | 7 | 0 | 0 | 0 | 3.99 | 1 | 1 | 0 | 0 | 0 | 13.89 |
| 6324737 | SSP1 | NP_014806.1 | 12.23 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323450 | CDC73 | NP_013522.1 | 5.09 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 5.34 | 1 | 1 | 5.60 |
| 398365461 | SRP40 | NP_013018.3 | 8.62 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.96 |
| 6320708 | RPL37B | NP_010788.1 | 0 | 0 | 0 | 0 | 0 | 0 | 18.18 | 2 | 2 | 0 | 0 | 0 | 0 |
| 398364957 | MKT1 | NP_014314.3 | 6.14 | 4 | 5 | 0 | 0 | 0 | 2.53 | 1 | 3 | 1.20 | 1 | 1 | 4.10 |
| 6320079 | YDL124W | NP_010159.1 | 7.37 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.49 |
| 398364371 | RSC8 | NP_116695.3 | 6.82 | 3 | 6 | 0 | 0 | 0 | 1.97 | 1 | 1 | 2.51 | 1 | 1 | 5.21 |

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| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 6325418 | GPH1 | NP_015486.1 | 1.55 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.11 | 1 | 2 | 11.97 |
| 6321859 | DYS1 | NP_011935.1 | 14.21 | 5 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.01 |
| 6323967 | GAS1 | NP_014038.1 | 13.06 | 8 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17.53 |
| 6319695 | PYC2 | NP_009777.1 | 10.00 | 10 | 21 | 3.81 | 4 | 11 | 1.44 | 2 | 2 | 3.73 | 3 | 5 | 10.68 |
| 6323642 | YPT7 | NP_013713.1 | 51.44 | 8 | 63 | 0 | 0 | 0 | 5.29 | 1 | 1 | 28.85 | 5 | 67 | 60.10 |
| 6320552 | HXT3 | NP_010632.1 | 2.12 | 1 | 10 | 0 | 0 | 0 | 2.12 | 1 | 1 | 0 | 0 | 0 | 2.12 |
| 6325196 | ALD6 | NP_015264.1 | 9.20 | 4 | 8 | 6.60 | 3 | 7 | 0 | 0 | 0 | 2.20 | 1 | 2 | 6.60 |
| 6319315 | EFB1 | NP_009398.1 | 17.96 | 3 | 10 | 8.25 | 1 | 11 | 0 | 0 | 0 | 10.68 | 1 | 1 | 23.30 |
| 10383811 | CDC39 | NP_010017.2 | 0.71 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.42 |
| 6321753 | SBP1 | NP_011829.1 | 3.06 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23.47 |
| 6320764 | DLD3 | NP_010843.1 | 2.82 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.22 |
| 398366413 | ERV29 | NP_011800.3 | 0 | 0 | 0 | 0 | 0 | 0 | 3.87 | 1 | 2 | 0 | 0 | 0 | 0 |
| 6320969 | GLO3 | NP_011048.1 | 7.51 | 4 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1.42 | 1 | 7 | 1.42 |
| 6319602 | TPS1 | NP_009684.1 | 13.54 | 5 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.76 |
| 6579193 | NMD2 | NP_011944.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321990 | UTP9 | NP_012066.1 | 4.35 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.30 |
| 398366561 | SXM1 | NP_010683.3 | 2.33 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320157 | NPC2 | NP_010237.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364687 | NOP9 | NP_012524.3 | 1.50 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22532997 | BUD27 | NP_683715.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366449 | BFR2 | NP_010585.3 | 8.43 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.62 |
| 398365717 | TRM1 | NP_010405.3 | 13.16 | 7 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.44 |
| 6323362 | CHS5 | NP_013434.1 | 3.58 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364573 | PAN1 | NP_012271.3 | 8.18 | 9 | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.20 |
| 6320720 | GRX2 | NP_010801.1 | 6.99 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.99 |
| 6321595 | PTI1 | NP_011672.1 | 1.65 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364853 | OCA1 | NP_014300.3 | 5.46 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.46 |
| 6323852 | YMR196 | NP_013923.1 | 2.76 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0.92 | 1 | 1 | 0 |
| 33438816 | YI002W- | NP_878098.1 | 17.39 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366575 | RRP17 | NP_010700.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323359 | TMA10 | NP_013431.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365853 | WTM1 | NP_014873.3 | 19.91 | 8 | 36 | 12.13 | 4 | 16 | 0 | 0 | 0 | 2.29 | 1 | 1 | 12.59 |
| 6320181 | GPD1 | NP_010262.1 | 4.09 | 2 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31.20 |
| 6323518 | NAB6 | NP_013589.1 | 1.23 | 1 | 1 | 0 | 0 | 0 | 1.23 | 1 | 1 | 0.88 | 1 | 4 | 3.35 |
| 6321221 | KIP3 | NP_011299.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365131 | RFC2 | NP_012602.3 | 7.08 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322294 | ERG20 | NP_012368.1 | 2.84 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 7.95 | 1 | 1 | 12.22 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 6321024 | ECM32 | NP_011103.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362660 | FUR1 | NP_011996.2 | 15.74 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22.69 |
| 398364665 | SEC18 | NP_009636.3 | 6.20 | 4 | 12 | 0 | 0 | 0 | 1.72 | 1 | 1 | 5.28 | 3 | 5 | 18.73 |
| 6323391 | ADE13 | NP_013463.1 | 1.87 | 1 | 2 | 4.15 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323699 | STV1 | NP_013770.1 | 4.83 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.37 |
| 6321412 | TRP5 | NP_011489.1 | 26.31 | 14 | 59 | 2.83 | 2 | 2 | 3.25 | 2 | 10 | 1.98 | 1 | 2 | 35.50 |
| 6321973 | OYE2 | NP_012049.1 | 11.75 | 4 | 5 | 0 | 0 | 0 | 4.25 | 1 | 1 | 0 | 0 | 0 | 0 |
| 6321801 | ARD1 | NP_011877.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383761 | HIS4 | NP_009900.2 | 5.26 | 4 | 5 | 7.13 | 4 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 8.14 |
| 398365759 | SAC6 | NP_010414.3 | 15.42 | 9 | 25 | 0 | 0 | 0 | 2.02 | 1 | 1 | 2.34 | 1 | 1 | 18.85 |
| 6321721 | BGL2 | NP_011798.1 | 10.22 | 3 | 7 | 4.15 | 1 | 6 | 0 | 0 | 0 | 3.83 | 1 | 1 | 7.99 |
| 398364979 | CCZ1 | NP_009689.3 | 1.42 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.42 |
| 42742256 | VTC4 | NP_012522.2 | 4.85 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.36 |
| 6321814 | THR1 | NP_011890.1 | 1.96 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.32 |
| 10383798 | PHO87 | NP_009966.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319847 | CDC10 | NP_009928.1 | 6.83 | 2 | 2 | 0 | 0 | 0 | 2.80 | 1 | 1 | 0 | 0 | 0 | 15.53 |
| 398365363 | URA8 | NP_012637.4 | 4.15 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11.94 |
| 6323138 | AHP1 | NP_013210.1 | 5.11 | 1 | 1 | 25.00 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 29.55 |
| 6320657 | UTP6 | NP_010737.1 | 1.59 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321919 | YHR127W | NP_011995.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41629688 | PSP2 | NP_013695.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.69 |
| 398364633 | APS3 | NP_012510.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322843 | MRT4 | NP_012916.1 | 13.14 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16.10 |
| 330443486 | PAT1 | NP_010002.3 | 3.27 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1.76 | 1 | 1 | 2.01 |
| 37362659 | RRP3 | NP_011932.2 | 2.59 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 4.39 | 2 | 13 | 0 |
| 6320845 | SEC3 | NP_010924.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.60 | 1 | 8 | 0 |
| 6324791 | RFC1 | NP_014860.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.51 | 1 | 2 | 0 | 0 | 0 | 0 |
| 6325369 | MRD1 | NP_015437.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.58 |
| 6322635 | YRA2 | NP_012708.1 | 5.42 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320368 | SEC1 | NP_010448.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.80 | 1 | 1 | 0 | 0 | 0 | 0 |
| 398364935 | UBP3 | NP_011078.3 | 1.32 | 1 | 1 | 0 | 0 | 0 | 1.21 | 1 | 1 | 0 | 0 | 0 | 5.04 |
| 6320789 | GLY1 | NP_010868.1 | 22.22 | 7 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17.57 |
| 6325172 | SEC16 | NP_015240.1 | 0.46 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364311 | TMA20 | NP_010923.3 | 6.63 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12.71 |
| 6320926 | UTP7 | NP_011005.1 | 3.97 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443568 | ENP2 | NP_011661.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324328 | CIT1 | NP_014398.1 | 2.51 | 1 | 1 | 3.13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.09 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|-----------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 6320843 | PAC2 | NP_010922.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365529 | SIR1 | NP_013027.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318435 | TIP20 | NP_116577.1 | 1.71 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323645 | AIM34 | NP_013716.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443386 | BUD14 | NP_009408.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319751 | CHK1 | NP_009833.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319452 | APN2 | NP_009534.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383783 | YCR015C | NP_009941.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33438820 | YJL133C-A | NP_878102.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365435 | ERG25 | NP_011574.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321363 | MPS2 | NP_011440.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323180 | PCD1 | NP_013252.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364799 | PMD1 | NP_011058.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322709 | TGL1 | NP_012782.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325305 | TAH18 | NP_015373.1 | 1.77 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322698 | YKL151C | NP_012771.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322341 | RPE1 | NP_012414.1 | 0 | 0 | 0 | 5.46 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 8.40 |
| 6323336 | STT4 | NP_013408.1 | 1.21 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320542 | MSN5 | NP_010622.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325171 | ELP3 | NP_015239.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319274 | ERV46 | NP_009358.1 | 6.51 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.13 |
| 398366207 | CRM1 | NP_011734.3 | 2.40 | 2 | 6 | 0 | 0 | 0 | 1.29 | 1 | 1 | 0 | 0 | 0 | 4.24 |
| 6321198 | CSE1 | NP_011276.1 | 3.54 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 1.25 | 1 | 5 | 2.92 | 0 |
| 398366491 | SKP1 | NP_010615.3 | 15.46 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36.08 |
| 6323819 | MLH1 | NP_013890.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365033 | IRA1 | NP_009698.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366427 | SRP101 | NP_010578.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.45 | 1 | 1 | 0 | 0 |
| 6320008 | NUS1 | NP_010088.1 | 4.27 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.00 |
| 6324098 | PDR16 | NP_014168.1 | 5.70 | 2 | 2 | 0 | 0 | 0 | 3.42 | 1 | 4 | 0 | 0 | 0 | 17.38 |
| 6324093 | SIN4 | NP_014163.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322063 | MET18 | NP_012138.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.26 | 1 | 1 | 0 | 0 |
| 6319901 | THR4 | NP_009982.1 | 6.03 | 4 | 10 | 3.70 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 7.39 |
| 6321899 | CDC12 | NP_011975.1 | 17.20 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16.71 |
| 398364305 | YND1 | NP_010920.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.27 | 1 | 2 | 1.27 | 0 |
| 6325365 | RPN7 | NP_015433.1 | 12.35 | 6 | 12 | 0 | 0 | 0 | 3.03 | 1 | 2 | 0 | 0 | 0 | 19.35 |
| 6322288 | RFA3 | NP_012362.1 | 38.52 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12.30 |
| 6323832 | YMR178 | NP_013903.1 | 0 | 0 | 0 | 0 | 0 | 0 | 6.20 | 1 | 1 | 0 | 0 | 0 | 16.42 |

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| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 14318538 | YFR016C | NP_116671.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321647 | SER2 | NP_011724.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365769 | SHG1 | NP_009817.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321009 | SPT2 | NP_011088.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365509 | RRP1 | NP_010372.3 | 11.51 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.43 |
| 6323756 | MYO5 | NP_013827.1 | 9.68 | 10 | 17 | 0 | 0 | 0 | 0.90 | 1 | 1 | 0.90 | 1 | 3 | 4.10 |
| 6324839 | RBL2 | NP_014908.1 | 11.32 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319685 | DUR1,2 | NP_009767.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0.71 | 1 | 1 | 0 | 0 | 0 | 0 |
| 6325273 | TIF6 | NP_015341.1 | 14.69 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11.43 |
| 6324938 | PRE10 | NP_015007.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324996 | APM1 | NP_015064.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324522 | GAL11 | NP_014591.1 | 1.20 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324113 | RAP1 | NP_014183.1 | 3.63 | 2 | 2 | 0 | 0 | 0 | 1.33 | 1 | 3 | 0 | 0 | 0 | 5.93 |
| 398366009 | YGR169C | NP_878080.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319564 | POL30 | NP_009645.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323546 | UTP14 | NP_013617.1 | 1.22 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0.67 | 1 | 1 | 1.11 |
| 6324312 | PUB1 | NP_014382.1 | 1.99 | 1 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.75 |
| 6325286 | APL4 | NP_015354.1 | 0.96 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323401 | SSQ1 | NP_013473.1 | 6.70 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324048 | HCH1 | NP_014118.1 | 7.84 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.84 |
| 6319627 | APD1 | NP_009709.1 | 3.80 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.28 |
| 6320102 | DUN1 | NP_010182.1 | 2.92 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.75 |
| 10383806 | SOL2 | NP_009999.2 | 4.44 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320205 | YRB1 | NP_010285.1 | 5.47 | 1 | 8 | 5.47 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366613 | TOM1 | NP_010745.3 | 0.86 | 3 | 3 | 0 | 0 | 0 | 0.76 | 2 | 5 | 0 | 0 | 0 | 1.32 |
| 398365693 | TMA64 | NP_010402.3 | 1.77 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.77 |
| 6323893 | BCH1 | NP_013964.1 | 1.24 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.24 |
| 398366023 | YTM1 | NP_014915.3 | 3.91 | 2 | 3 | 0 | 0 | 0 | 3.70 | 1 | 1 | 0 | 0 | 0 | 4.35 |
| 6319437 | STU1 | NP_009519.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.66 |
| 398364833 | MET4 | NP_014296.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.08 |
| 6321424 | PUF4 | NP_011501.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322411 | MTR4 | NP_012485.1 | 1.21 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.16 |
| 14318501 | LPD1 | NP_116635.1 | 12.63 | 6 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17.03 |
| 6321890 | SFB3 | NP_011966.1 | 8.29 | 7 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.86 |
| 398366661 | GIN4 | NP_010795.3 | 0.70 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.31 |
| 398365725 | SOL1 | NP_014432.3 | 4.36 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323570 | DAK1 | NP_013641.1 | 14.73 | 7 | 13 | 1.71 | 1 | 1 | 2.23 | 1 | 1 | 0 | 0 | 0 | 16.10 |

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| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 6322260 | ECM25 | NP_012334.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.84 |
| 6319691 | SDS24 | NP_009773.1 | 1.90 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322202 | SQT1 | NP_012277.1 | 5.80 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3.48 | 1 | 2 | 15.08 |
| 6321961 | THP2 | NP_012037.1 | 0 | 0 | 0 | 0 | 0 | 0 | 4.21 | 1 | 1 | 0 | 0 | 0 | 8.05 |
| 398364887 | CKB1 | NP_011496.3 | 3.60 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.60 |
| 6320131 | YET3 | NP_010211.1 | 13.30 | 3 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364267 | URA3 | NP_010893.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366549 | NKP1 | NP_010671.4 | 6.72 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.36 |
| 398366429 | ATF1 | NP_015022.3 | 3.24 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.81 | 1 | 1 | 4.95 |
| 398365899 | ABP140 | NP_014882.4 | 3.66 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.18 |
| 6324659 | OST3 | NP_014728.1 | 3.43 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365193 | TRS33 | NP_014758.3 | 5.22 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.22 |
| 6322746 | APE1 | NP_012819.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.06 |
| 398365017 | YGR001C | NP_011515.4 | 7.26 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.05 |
| 6319455 | FUS3 | NP_009537.1 | 7.08 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.40 |
| 6321351 | MMS2 | NP_011428.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21.90 |
| 6319435 | YBL036C | NP_009517.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.51 |
| 6321450 | SNU71 | NP_011527.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.06 |
| 6325394 | RRP9 | NP_015463.1 | 3.84 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.57 |
| 269970294 | GCV3 | NP_009355.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.71 |
| 6323352 | MMS22 | NP_013424.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.55 |
| 330443445 | PBY1 | NP_009652.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.46 |
| 398364685 | NAM9 | NP_014262.3 | 2.26 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.06 |
| 6319999 | YML11 | NP_010079.1 | 4.02 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.02 |
| 6325336 | MRL1 | NP_015404.1 | 3.41 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.62 |
| 398365551 | SGM1 | NP_012668.3 | 1.84 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.12 |
| 6322985 | FPS1 | NP_013057.1 | 2.24 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365713 | MRM1 | NP_014844.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323001 | ISA1 | NP_013073.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323955 | PRC1 | NP_014026.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.88 |
| 6322095 | YIL096C | NP_012170.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.79 |
| 6325139 | MRP51 | NP_015207.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.49 |
| 6323808 | MRPS8 | NP_013879.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.45 |
| 6322682 | TPK3 | NP_012755.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.51 |
| 6324978 | YPL277C | NP_015046.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.05 | 1 | 2 | 0 |
| 6325296 | ERV2 | NP_015362.1 | 6.63 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6.63 | 1 | 1 | 0 |
| 6323252 | IFH1 | NP_013324.1 | 0 | 0 | 0 | 1.11 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 6324988 | ACM1 | NP_015056.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443417 | RRN6 | NP_009539.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325398 | TAZ1 | NP_015466.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321828 | MSC7 | NP_011904.1 | 4.66 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323320 | GUF1 | NP_013392.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16740526 | GYP8 | NP_444296.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324783 | NPT1 | NP_014852.1 | 5.13 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319974 | HOP | NP_010054.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319931 | ABP1 | NP_010012.1 | 24.66 | 13 | 34 | 0 | 0 | 0 | 2.20 | 1 | 1 | 0 | 0 | 0 | 14.02 |
| 6321787 | OSH7 | NP_011863.1 | 11.21 | 6 | 11 | 0 | 0 | 0 | 2.97 | 1 | 1 | 3.66 | 2 | 9 | 16.02 |
| 6319512 | CHS2 | NP_009594.1 | 0.83 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.18 |
| 6324912 | KRE5 | NP_014981.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.32 |
| 398365337 | SFL1 | NP_014783.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364433 | CAJ1 | NP_010967.3 | 14.32 | 4 | 6 | 3.58 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 23.02 |
| 6322547 | EMC2 | NP_012621.1 | 3.77 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324225 | LEU4 | NP_014295.1 | 3.07 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.42 |
| 6322537 | MIR1 | NP_012611.1 | 14.47 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.65 |
| 6321795 | ERG11 | NP_011871.1 | 18.87 | 7 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.38 |
| 6323953 | YMR295C | NP_014024.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366013 | YDR186C | NP_010472.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323943 | DSS1 | NP_014014.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.14 |
| 6320851 | HEM14 | NP_010930.1 | 2.23 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322116 | SER33 | NP_012191.1 | 16.63 | 6 | 15 | 0 | 0 | 0 | 2.13 | 1 | 1 | 2.35 | 1 | 1 | 17.70 |
| 83578105 | TMA46 | NP_014734.2 | 2.90 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321960 | CDC23 | NP_012036.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.24 |
| 6320470 | AKR1 | NP_010550.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.57 |
| 398365797 | YNR048W | NP_014446.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.05 |
| 6322387 | SMC3 | NP_012461.1 | 0 | 0 | 0 | 1.22 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321806 | ARG4 | NP_011882.1 | 1.94 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324055 | GOR1 | NP_014125.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324554 | YOL019W | NP_014623.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324897 | PMT3 | NP_014966.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323553 | ALO1 | NP_013624.1 | 19.58 | 8 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.78 |
| 6323958 | ADE4 | NP_014029.1 | 7.45 | 3 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.12 |
| 6322585 | ENT3 | NP_012659.1 | 7.84 | 3 | 48 | 0 | 0 | 0 | 2.70 | 1 | 1 | 0 | 0 | 0 | 26.47 |
| 6322732 | SBA1 | NP_012805.1 | 16.20 | 3 | 6 | 4.17 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319767 | BSD2 | NP_009849.1 | 0 | 0 | 0 | 0 | 0 | 0 | 4.05 | 1 | 1 | 0 | 0 | 0 | 4.05 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 6323630 | ERV25 | NP_013701.1 | 6.16 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323716 | TVP18 | NP_013787.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319289 | SNC1 | NP_009372.1 | 11.11 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364281 | EMP24 | NP_011315.3 | 12.81 | 3 | 10 | 0 | 0 | 0 | 4.43 | 1 | 2 | 0 | 0 | 0 | 6.90 |
| 6320298 | DNF2 | NP_010378.1 | 2.23 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.30 |
| 330443597 | MNN5 | NP_012349.2 | 7.85 | 4 | 7 | 0 | 0 | 0 | 2.39 | 1 | 1 | 0 | 0 | 0 | 6.48 |
| 6320897 | FCY2 | NP_010976.1 | 2.44 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.69 |
| 330443542 | SAP155 | NP_116698.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.99 |
| 14318521 | SPB4 | NP_116654.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323367 | NUP2 | NP_013439.1 | 13.19 | 7 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319303 | TPD3 | NP_009386.1 | 9.29 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.57 |
| 6324166 | RIA1 | NP_014236.1 | 0.72 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.99 |
| 398364557 | AIM21 | NP_012268.3 | 0 | 0 | 0 | 0 | 0 | 0 | 1.18 | 1 | 1 | 0 | 0 | 0 | 0 |
| 6322369 | SRS2 | NP_012443.1 | 0.68 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.68 |
| 6324088 | ZWF1 | NP_014158.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.37 |
| 6319890 | TAF2 | NP_009971.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.57 |
| 6320033 | SFA1 | NP_010113.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325429 | BSP1 | NP_015497.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323022 | YLL007C | NP_013094.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324918 | YOR342C | NP_014987.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320091 | TRM3 | NP_010171.1 | 0.63 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.63 |
| 6322925 | SIS2 | NP_012998.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321999 | SCH9 | NP_012075.1 | 1.21 | 1 | 1 | 0 | 0 | 0 | 1.82 | 1 | 4 | 1.82 | 1 | 2 | 0 |
| 6320106 | RPN6 | NP_010186.1 | 2.07 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.58 |
| 6320934 | PTC2 | NP_011013.1 | 18.32 | 8 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.13 |
| 6322545 | STE18 | NP_012619.1 | 15.45 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.45 |
| 27808714 | LAP3 | NP_014160.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.08 |
| 6322410 | IRC8 | NP_012484.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318532 | UBP6 | NP_116665.1 | 13.23 | 5 | 7 | 0 | 0 | 0 | 5.41 | 2 | 3 | 0 | 0 | 0 | 17.03 |
| 6320129 | BRE1 | NP_010209.1 | 1.29 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324287 | COG6 | NP_014357.1 | 1.67 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320846 | NTF2 | NP_010925.1 | 6.40 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12.80 |
| 6324508 | MET22 | NP_014577.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319975 | GCS1 | NP_010055.1 | 44.32 | 13 | 69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53.69 |
| 63535562 | CHA1 | NP_00101803 | 4.44 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.67 |
| 6322141 | NEO1 | NP_012216.1 | 2.00 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.56 |
| 398365175 | CDC28 | NP_009718.3 | 13.42 | 4 | 5 | 0 | 0 | 0 | 4.70 | 1 | 1 | 9.06 | 1 | 2 | 11.07 |

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| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 6324946 | MRS6 | NP_015015.1 | 6.47 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.32 |
| 6325052 | HRR25 | NP_015120.1 | 3.85 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.82 |
| 6324631 | SGT1 | NP_014700.1 | 2.53 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.78 |
| 6323651 | ADI1 | NP_013722.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.26 |
| 398365629 | DBF2 | NP_011606.3 | 3.50 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320725 | GRH1 | NP_010805.1 | 4.03 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324056 | TOF1 | NP_014126.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.05 |
| 6321823 | PIH1 | NP_011899.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383767 | KCC4 | NP_009907.2 | 1.64 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319556 | UBC4 | NP_009638.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325007 | GYP5 | NP_015075.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322121 | SEC6 | NP_012196.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323292 | TMA7 | NP_013364.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325227 | TRM44 | NP_015295.1 | 2.29 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.11 |
| 6322526 | TOR1 | NP_012600.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324085 | SUI1 | NP_014155.1 | 40.74 | 4 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70.37 |
| 398366199 | IVY1 | NP_010515.3 | 2.43 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.62 |
| 6322839 | ARC19 | NP_012912.1 | 9.36 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.04 |
| 6321914 | CIA2 | NP_011990.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.19 |
| 6319737 | RGD1 | NP_009819.1 | 1.50 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322419 | MHP1 | NP_012493.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.50 |
| 398366245 | LDB19 | NP_014967.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325011 | YPL245W | NP_015079.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364697 | LSM4 | NP_011037.3 | 4.81 | 1 | 1 | 5.88 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 10.70 |
| 6320840 | FMP52 | NP_010919.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18.61 |
| 6324794 | RCN2 | NP_014863.1 | 4.91 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.53 |
| 6321800 | VPS29 | NP_011876.1 | 4.26 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.16 |
| 398364967 | SOK1 | NP_010289.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320413 | UME6 | NP_010493.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322379 | IML2 | NP_012453.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.23 |
| 6325362 | COG4 | NP_015430.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322156 | BCY1 | NP_012231.1 | 8.65 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11.06 |
| 6322424 | SNX4 | NP_012498.1 | 2.13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.78 |
| 398365471 | MCM7 | NP_009761.4 | 1.07 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.54 |
| 398365269 | SMY2 | NP_009731.4 | 2.43 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323616 | YML6 | NP_013687.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.45 |
| 6325343 | SUA7 | NP_015411.1 | 0 | 0 | 0 | 6.96 | 1 | 1 | 3.77 | 1 | 1 | 0 | 0 | 0 | 8.70 |

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| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 6324068 | ORC5 | NP_014138.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325213 | NOP4 | NP_015282.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.48 |
| 6324041 | CAF40 | NP_014111.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320086 | CYK3 | NP_010166.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321762 | SNF6 | NP_011838.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365087 | GRX4 | NP_011101.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323218 | ATG26 | NP_013290.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41629693 | PRP18 | NP_011520.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443528 | PTP3 | NP_010998.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364733 | YIR035C | NP_012301.3 | 3.54 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.54 |
| 6321766 | AIM17 | NP_011842.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318483 | MOB2 | NP_116618.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324527 | PSK2 | NP_014597.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365421 | PRP16 | NP_013012.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41629685 | RSC30 | NP_011923.2 | 1.70 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320907 | VHR2 | NP_010986.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.97 |
| 398366405 | GCN2 | NP_010569.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364549 | GYP6 | NP_012491.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443696 | YNL193W | NP_014206.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325243 | YPL014W | NP_015311.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325327 | MED1 | NP_015395.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320160 | MTF2 | NP_010240.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319287 | PRP45 | NP_009370.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365919 | SEC5 | NP_010450.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320433 | SIR4 | NP_010513.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321725 | BIO2 | NP_011802.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324177 | INN1 | NP_014247.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319534 | ORC2 | NP_009616.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320887 | SAP1 | NP_010966.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321204 | SEC15 | NP_011281.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323111 | SRL2 | NP_013183.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366601 | SSN2 | NP_010731.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323541 | VPS9 | NP_013612.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321955 | YAP1801 | NP_012031.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323215 | EMG1 | NP_013287.1 | 8.73 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.08 |
| 6319868 | HTL1 | NP_009949.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321537 | MDR1 | NP_011614.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.68 | 1 | 1 | 0 | 0 | 0 | 0.84 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | NP_value | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC |
|-----------|---------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_1 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 | BY4741_TAP_2 |
| 398364647 | SLM4 | NP_009633.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324450 | SMF1 | NP_014519.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320105 | SNU23 | NP_010185.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366077 | SPC19 | NP_010487.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323175 | SPE4 | NP_013247.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322832 | SPT23 | NP_012905.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366615 | TFB3 | NP_010748.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320032 | UGX2 | NP_010112.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323960 | YME2 | NP_014031.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365297 | YOS9 | NP_010342.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323821 | ALD3 | NP_013892.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.38 |
| 6325392 | MSS18 | NP_015460.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.36 | 1 | 1 | 0 |
| 6321895 | SBE22 | NP_011971.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.94 | 1 | 1 | 0 |
| 6323844 | SGS1 | NP_013915.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.04 | 1 | 1 | 0 |
| 6321230 | SIP2 | NP_011307.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.41 | 1 | 1 | 0 |
| 6319783 | VBA3 | NP_009864.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.77 | 1 | 1 | 0 |
| 6320295 | YDR090C | NP_010375.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.03 | 1 | 1 | 0 |
| 6320812 | YEL023C | NP_010891.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.05 | 1 | 1 | 0 |
| 330443522 | YEN1 | NP_010959.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.19 | 1 | 1 | 0 |
| 6323731 | YMR085W | NP_013802.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.70 | 1 | 1 | 0 |
| 6323761 | YMR114C | NP_013832.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.08 | 1 | 1 | 0 |
| 6323599 | CAT2 | NP_013670.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.79 | 1 | 1 | 0 |
| 6320221 | YDR018C | NP_010301.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.54 | 1 | 1 | 0 |
| 6324392 | YNR064C | NP_014462.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.45 | 1 | 1 | 0 |
| 6324597 | AHC1 | NP_014666.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.65 | 1 | 1 | 0 |
| 6323774 | DLT1 | NP_013845.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.92 | 1 | 1 | 0 |
| 6323532 | MDM1 | NP_013603.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.98 | 1 | 1 | 0 |
| 6323098 | MEF1 | NP_013170.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.50 | 1 | 1 | 0 |
| 6322467 | MHO1 | NP_012541.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.28 | 1 | 1 | 0 |
| 6322177 | PDR11 | NP_012252.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0.64 | 1 | 1 | 0 | 0 | 0 | 0 |
| 6323099 | XYL2 | NP_013171.1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.81 | 1 | 1 | 0 | 0 | 0 | 0 |
| 14318495 | EPL1 | NP_116629.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0.96 | 1 | 1 | 0 | 0 | 0 | 0 |
| 398364429 | FLC3 | NP_011376.3 | 0 | 0 | 0 | 0 | 0 | 0 | 1.37 | 1 | 1 | 0 | 0 | 0 | 0 |
| 6320193 | GRX6 | NP_010274.1 | 0 | 0 | 0 | 0 | 0 | 0 | 5.63 | 1 | 1 | 0 | 0 | 0 | 0 |
| 398364915 | HUL4 | NP_012570.3 | 0 | 0 | 0 | 0 | 0 | 0 | 1.35 | 1 | 1 | 0 | 0 | 0 | 0 |
| 6325457 | ARR1 | NP_015525.1 | 0 | 0 | 0 | 4.76 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322660 | PXA2 | NP_012733.1 | 0 | 0 | 0 | 1.64 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 398364847 | RTR1 | 2 | 3 | 8.85 | 2 | 3 | 0 | 0 | 0 | 19.47 | 7 | 661 | 69.03 | 18 |
| 6320061 | RPB1 | 7 | 9 | 3.98 | 7 | 9 | 2.19 | 3 | 4 | 9.87 | 20 | 188 | 33.81 | 50 |
| 398365417 | RPB2 | 3 | 3 | 3.02 | 3 | 3 | 0.74 | 1 | 1 | 7.84 | 10 | 298 | 36.60 | 38 |
| 398364469 | RPB3 | 1 | 1 | 5.35 | 1 | 1 | 0 | 0 | 0 | 9.43 | 3 | 63 | 38.68 | 8 |
| 6322321 | RPB4 | 0 | 0 | 0 | 0 | 0 | 13.12 | 2 | 4 | 0 | 0 | 0 | 21.72 | 3 |
| 6319630 | RPB5 | 2 | 2 | 13.02 | 2 | 2 | 0 | 0 | 0 | 3.72 | 1 | 4 | 41.86 | 6 |
| 398366567 | RPB7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365775 | RPB10 | 0 | 0 | 0 | 0 | 0 | 15.71 | 1 | 2 | 0 | 0 | 0 | 15.71 | 1 |
| 6325445 | RPB6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26.45 | 2 |
| 6321368 | RPB9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.49 | 2 |
| 6324798 | RPB8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.85 | 1 | 21 | 25.34 | 3 |
| 6324569 | RPB11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.33 | 2 | 23 | 39.17 | 4 |
| 6323632 | SPT5 | 8 | 10 | 8.94 | 8 | 10 | 4.33 | 3 | 3 | 1.22 | 1 | 8 | 0 | 0 |
| 6321625 | TFG1 | 1 | 2 | 1.36 | 1 | 2 | 0 | 0 | 0 | 1.50 | 1 | 1 | 0 | 0 |
| 6321937 | RPB12 | 0 | 0 | 0 | 0 | 0 | 28.57 | 1 | 7 | 10.00 | 1 | 30 | 40.00 | 3 |
| 398365043 | TFG2 | 1 | 1 | 2.00 | 1 | 1 | 2.75 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 154199603 | IWR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365457 | SPT4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325128 | TAF14 | 1 | 1 | 6.56 | 1 | 1 | 6.56 | 1 | 4 | 0 | 0 | 0 | 0 | 0 |
| 398365155 | NPA3 | 3 | 4 | 8.83 | 3 | 4 | 6.23 | 2 | 2 | 9.09 | 3 | 17 | 14.81 | 5 |
| 6323272 | GPN3 | 0 | 0 | 0 | 0 | 0 | 4.78 | 1 | 1 | 0 | 0 | 0 | 12.87 | 2 |
| 6322163 | IRR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366099 | RRP41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366555 | UBA2 | 1 | 1 | 2.20 | 1 | 1 | 7.23 | 4 | 4 | 0 | 0 | 0 | 0 | 0 |
| 6323670 | TAP42 | 3 | 5 | 7.65 | 3 | 5 | 3.55 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 6323004 | SSA2 | 29 | 541 | 56.65 | 29 | 541 | 80.13 | 48 | 1842 | 13.62 | 8 | 69 | 51.96 | 22 |
| 6319505 | RPL4A | 12 | 120 | 37.02 | 12 | 120 | 50.00 | 15 | 302 | 9.12 | 4 | 599 | 24.59 | 6 |
| 398364991 | RPL4B | 0 | 0 | 32.60 | 10 | 117 | 50.00 | 14 | 286 | 9.12 | 4 | 599 | 20.72 | 5 |
| 398365303 | RPL43B | 5 | 83 | 43.48 | 5 | 83 | 39.13 | 5 | 340 | 9.78 | 2 | 238 | 44.57 | 5 |
| 398364349 | RPL2A | 4 | 79 | 27.17 | 4 | 79 | 48.03 | 11 | 239 | 20.08 | 7 | 655 | 18.50 | 5 |
| 6325337 | TEF1 | 18 | 438 | 44.10 | 18 | 438 | 41.05 | 16 | 226 | 13.54 | 8 | 221 | 25.55 | 7 |
| 144228166 | SSA1 | 31 | 516 | 57.79 | 31 | 516 | 76.64 | 46 | 1665 | 17.13 | 10 | 75 | 50.31 | 25 |
| 6319559 | RPL19A | 6 | 75 | 29.63 | 6 | 75 | 31.22 | 8 | 293 | 16.40 | 6 | 130 | 20.63 | 4 |
| 6320065 | RPL35A | 5 | 27 | 30.83 | 5 | 27 | 40.83 | 9 | 135 | 0 | 0 | 0 | 37.50 | 6 |
| 398365603 | RPS4A | 8 | 32 | 32.57 | 8 | 32 | 48.66 | 14 | 81 | 16.09 | 6 | 487 | 23.75 | 6 |
| 398365321 | RPS6B | 7 | 38 | 33.90 | 7 | 38 | 56.36 | 18 | 190 | 21.61 | 5 | 161 | 34.32 | 10 |
| 398364655 | SSA4 | 15 | 134 | 28.19 | 15 | 134 | 21.18 | 18 | 510 | 5.76 | 4 | 9 | 15.42 | 8 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|--------------------|--------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1_ _WT_1 | TAP_Rtr1_ _WT_1 |
| 398366603 | RPS17B | 6 | 47 | 52.94 | 6 | 47 | 54.41 | 8 | 158 | 7.35 | 1 | 4 | 55.15 | 10 |
| 6324533 | RPS15 | 3 | 29 | 30.28 | 3 | 29 | 30.28 | 3 | 48 | 16.90 | 2 | 60 | 38.03 | 4 |
| 6323104 | RPL10 | 7 | 118 | 27.60 | 7 | 118 | 38.91 | 10 | 103 | 33.03 | 12 | 421 | 15.38 | 3 |
| 6319396 | SSA3 | 11 | 117 | 19.72 | 11 | 117 | 22.65 | 18 | 436 | 5.70 | 4 | 39 | 13.56 | 7 |
| 6321786 | RPL14B | 0 | 0 | 39.13 | 6 | 52 | 44.93 | 8 | 152 | 12.32 | 4 | 174 | 18.84 | 3 |
| 6322847 | RPL14A | 7 | 53 | 45.65 | 7 | 53 | 51.45 | 9 | 159 | 12.32 | 4 | 174 | 18.84 | 3 |
| 6324670 | RPS7A | 6 | 61 | 31.05 | 6 | 61 | 39.47 | 10 | 224 | 15.79 | 4 | 51 | 53.16 | 9 |
| 6322668 | RPL17A | 6 | 82 | 36.41 | 6 | 82 | 34.78 | 5 | 328 | 20.11 | 3 | 56 | 28.26 | 4 |
| 398365285 | CAX4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322284 | RPL17B | 6 | 85 | 36.41 | 6 | 85 | 34.78 | 5 | 306 | 20.11 | 3 | 56 | 28.26 | 4 |
| 398364883 | RPS7B | 7 | 33 | 40.00 | 7 | 33 | 57.89 | 12 | 213 | 15.79 | 4 | 51 | 43.68 | 9 |
| 6323791 | RPL13B | 0 | 0 | 37.69 | 6 | 25 | 44.72 | 10 | 113 | 26.63 | 9 | 1125 | 39.20 | 7 |
| 6320121 | RPL13A | 6 | 25 | 37.69 | 6 | 25 | 44.72 | 10 | 104 | 26.63 | 9 | 1125 | 37.69 | 6 |
| 6324120 | SSB2 | 25 | 473 | 58.73 | 25 | 473 | 66.56 | 39 | 906 | 9.30 | 8 | 111 | 38.34 | 15 |
| 6323577 | RPS1B | 8 | 46 | 35.29 | 8 | 46 | 55.69 | 13 | 199 | 16.47 | 5 | 87 | 38.82 | 8 |
| 6325157 | ATG21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323474 | RPS1A | 6 | 41 | 27.45 | 6 | 41 | 55.69 | 12 | 179 | 16.47 | 5 | 87 | 38.82 | 8 |
| 398364725 | RPL23B | 6 | 114 | 43.80 | 6 | 114 | 46.72 | 8 | 216 | 5.11 | 1 | 1 | 32.85 | 4 |
| 6319972 | SSB1 | 25 | 472 | 58.73 | 25 | 472 | 66.39 | 38 | 900 | 10.60 | 9 | 112 | 38.34 | 15 |
| 154200011 | RPL20B | 4 | 47 | 30.23 | 4 | 47 | 39.53 | 8 | 156 | 23.84 | 6 | 773 | 29.65 | 5 |
| 6322989 | UBI4 | 2 | 8 | 38.16 | 2 | 8 | 50.00 | 3 | 11 | 17.11 | 1 | 1 | 50.00 | 3 |
| 9755341 | RPS16A | 4 | 24 | 32.17 | 4 | 24 | 58.04 | 8 | 58 | 31.47 | 6 | 80 | 49.65 | 7 |
| 6319378 | RPL32 | 3 | 35 | 23.85 | 3 | 35 | 36.92 | 5 | 169 | 35.38 | 6 | 212 | 17.69 | 2 |
| 6325061 | APL5 | 0 | 0 | 0 | 0 | 0 | 1.61 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398364505 | RPS3 | 8 | 40 | 39.17 | 8 | 40 | 52.92 | 11 | 51 | 25.42 | 5 | 74 | 47.08 | 10 |
| 398365351 | RPS13 | 6 | 44 | 45.70 | 6 | 44 | 58.28 | 9 | 206 | 7.28 | 1 | 12 | 45.70 | 6 |
| 6324260 | RPL16B | 6 | 28 | 27.27 | 6 | 28 | 32.83 | 10 | 115 | 22.73 | 7 | 48 | 6.06 | 1 |
| 398365605 | RPS30B | 1 | 3 | 15.87 | 1 | 3 | 30.16 | 2 | 6 | 0 | 0 | 0 | 17.46 | 2 |
| 6323481 | RPL6B | 6 | 14 | 37.50 | 6 | 14 | 53.98 | 9 | 84 | 30.68 | 8 | 237 | 4.55 | 1 |
| 398365377 | RPS9B | 7 | 18 | 30.26 | 7 | 18 | 43.08 | 12 | 44 | 21.03 | 5 | 79 | 23.08 | 4 |
| 6324265 | YDJ1 | 8 | 77 | 27.87 | 8 | 77 | 25.92 | 11 | 47 | 5.13 | 2 | 13 | 6.60 | 2 |
| 398364745 | ATP7 | 1 | 1 | 7.47 | 1 | 1 | 7.47 | 1 | 1 | 0 | 0 | 0 | 8.05 | 2 |
| 6321464 | RPS25A | 5 | 13 | 38.89 | 5 | 13 | 39.81 | 6 | 56 | 27.78 | 3 | 60 | 31.48 | 5 |
| 6323077 | RPS0B | 5 | 37 | 29.37 | 5 | 37 | 29.37 | 5 | 45 | 9.92 | 3 | 135 | 28.97 | 4 |
| 398365071 | RPS11A | 4 | 6 | 25.64 | 4 | 6 | 42.95 | 7 | 56 | 19.23 | 3 | 123 | 18.59 | 3 |
| 6321653 | RPS0A | 5 | 37 | 29.37 | 5 | 37 | 19.84 | 4 | 44 | 9.92 | 3 | 135 | 28.97 | 4 |
| 6323465 | CNA1 | 3 | 3 | 7.23 | 3 | 3 | 2.35 | 1 | 1 | 0 | 0 | 0 | 26.40 | 11 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 6321335 | RPL28 | 2 | 22 | 16.11 | 2 | 22 | 35.57 | 7 | 67 | 16.78 | 3 | 178 | 22.15 | 3 |
| 6322505 | SSC1 | 25 | 166 | 45.87 | 25 | 166 | 55.05 | 32 | 338 | 5.81 | 4 | 7 | 14.53 | 6 |
| 6323567 | RPL6A | 5 | 13 | 25.57 | 5 | 13 | 48.86 | 9 | 72 | 31.82 | 9 | 215 | 4.55 | 1 |
| 6321754 | RPL8A | 11 | 91 | 42.19 | 11 | 91 | 56.25 | 19 | 186 | 27.73 | 11 | 405 | 32.81 | 8 |
| 6322984 | RPL8B | 13 | 93 | 49.22 | 13 | 93 | 57.03 | 20 | 189 | 27.73 | 11 | 513 | 36.33 | 9 |
| 6323615 | RPS18B | 6 | 61 | 43.15 | 6 | 61 | 59.59 | 9 | 114 | 13.70 | 4 | 67 | 43.15 | 5 |
| 398366307 | RPA190 | 12 | 16 | 8.71 | 12 | 16 | 4.21 | 5 | 7 | 3.61 | 6 | 25 | 0 | 0 |
| 6324637 | RPL3 | 11 | 43 | 27.13 | 11 | 43 | 42.38 | 16 | 245 | 30.49 | 15 | 789 | 0 | 0 |
| 6320128 | RPL31A | 4 | 28 | 38.94 | 4 | 28 | 61.95 | 8 | 85 | 31.86 | 5 | 399 | 30.09 | 3 |
| 398366143 | RPL31B | 0 | 0 | 30.97 | 3 | 27 | 53.98 | 7 | 78 | 31.86 | 5 | 354 | 30.09 | 3 |
| 398365761 | RPS23A | 3 | 27 | 33.79 | 3 | 27 | 34.48 | 4 | 24 | 19.31 | 3 | 18 | 18.62 | 1 |
| 6322137 | RPL34B | 1 | 1 | 6.61 | 1 | 1 | 6.61 | 1 | 14 | 6.61 | 1 | 20 | 6.61 | 1 |
| 6321315 | RPS2 | 2 | 20 | 11.02 | 2 | 20 | 35.43 | 7 | 67 | 9.45 | 3 | 30 | 6.69 | 1 |
| 6320949 | RPS8B | 5 | 55 | 35.50 | 5 | 55 | 34.50 | 6 | 62 | 12.00 | 3 | 5 | 34.50 | 5 |
| 6321798 | RPL27A | 0 | 0 | 37.50 | 6 | 26 | 42.65 | 7 | 137 | 14.71 | 3 | 475 | 15.44 | 2 |
| 6325176 | RPS9A | 5 | 12 | 21.83 | 5 | 12 | 43.15 | 11 | 34 | 12.69 | 4 | 75 | 14.72 | 3 |
| 86558907 | RHR2 | 7 | 12 | 32.80 | 7 | 12 | 26.40 | 6 | 22 | 3.60 | 1 | 14 | 26.40 | 6 |
| 6322058 | RPL16A | 7 | 23 | 31.66 | 7 | 23 | 37.69 | 12 | 100 | 31.16 | 10 | 97 | 0 | 0 |
| 6324027 | RPS19B | 5 | 45 | 45.14 | 5 | 45 | 60.42 | 10 | 89 | 7.64 | 2 | 12 | 53.47 | 9 |
| 6323090 | RPL22A | 3 | 12 | 55.37 | 3 | 12 | 61.16 | 4 | 40 | 0 | 0 | 0 | 61.16 | 4 |
| 6320142 | RPS29B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.14 | 2 |
| 6324807 | KIN4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321522 | RPL11B | 6 | 26 | 31.03 | 6 | 26 | 36.78 | 7 | 42 | 11.49 | 2 | 41 | 25.86 | 5 |
| 6322583 | RPS5 | 6 | 149 | 29.78 | 6 | 149 | 30.22 | 7 | 86 | 13.78 | 3 | 10 | 34.22 | 8 |
| 6325126 | RPL5 | 5 | 58 | 19.19 | 5 | 58 | 45.79 | 9 | 88 | 20.20 | 7 | 162 | 3.03 | 1 |
| 6323073 | PDC1 | 19 | 234 | 43.69 | 19 | 234 | 49.20 | 21 | 433 | 8.88 | 6 | 441 | 22.56 | 8 |
| 398366277 | VMA4 | 13 | 247 | 53.22 | 13 | 247 | 54.51 | 16 | 199 | 17.60 | 4 | 31 | 21.89 | 5 |
| 6323824 | HOT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325066 | NAB3 | 0 | 0 | 0 | 0 | 0 | 2.99 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 398364517 | RPS24A | 5 | 58 | 31.85 | 5 | 58 | 48.89 | 8 | 120 | 20.00 | 3 | 30 | 40.00 | 6 |
| 6321362 | RPL7A | 9 | 58 | 43.44 | 9 | 58 | 49.18 | 12 | 128 | 28.69 | 8 | 621 | 18.03 | 3 |
| 6325058 | RPL7B | 9 | 49 | 43.44 | 9 | 49 | 49.18 | 12 | 124 | 28.69 | 8 | 628 | 18.03 | 3 |
| 37362649 | GUS1 | 20 | 96 | 33.76 | 20 | 96 | 22.18 | 13 | 90 | 8.76 | 7 | 61 | 2.12 | 1 |
| 398365909 | RPL24B | 2 | 18 | 15.48 | 2 | 18 | 27.10 | 6 | 140 | 12.90 | 2 | 4 | 9.03 | 1 |
| 6324707 | EFT1 | 32 | 590 | 48.93 | 32 | 590 | 56.41 | 37 | 629 | 13.90 | 13 | 486 | 14.61 | 8 |
| 6323376 | RPL26A | 0 | 0 | 34.65 | 6 | 13 | 51.18 | 10 | 59 | 22.05 | 6 | 177 | 44.09 | 8 |
| 116006491 | RPL26B | 7 | 18 | 35.43 | 7 | 18 | 51.18 | 11 | 61 | 22.05 | 6 | 186 | 44.09 | 8 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 6325006 | RPL36B | 4 | 23 | 40.00 | 4 | 23 | 49.00 | 6 | 88 | 34.00 | 5 | 120 | 33.00 | 4 |
| 6323848 | RPL36A | 0 | 0 | 31.00 | 3 | 15 | 50.00 | 6 | 79 | 34.00 | 4 | 70 | 33.00 | 4 |
| 398366579 | RPL12B | 6 | 95 | 49.70 | 6 | 95 | 56.36 | 7 | 139 | 4.85 | 1 | 1 | 33.33 | 4 |
| 6321540 | NOP7 | 1 | 1 | 1.49 | 1 | 1 | 4.30 | 2 | 5 | 0 | 0 | 0 | 0 | 0 |
| 398365599 | PDC6 | 3 | 22 | 6.93 | 3 | 22 | 6.93 | 3 | 93 | 1.60 | 1 | 10 | 3.37 | 1 |
| 6323163 | PDC5 | 2 | 14 | 5.15 | 2 | 14 | 9.59 | 3 | 77 | 1.78 | 1 | 18 | 3.37 | 1 |
| 6323583 | CMP2 | 4 | 4 | 7.78 | 4 | 4 | 4.97 | 2 | 3 | 0 | 0 | 0 | 11.42 | 5 |
| 398365991 | CLC1 | 1 | 2 | 6.87 | 1 | 2 | 6.87 | 1 | 2 | 0 | 0 | 0 | 15.45 | 3 |
| 37362619 | RXT2 | 2 | 2 | 5.12 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383793 | RPS14A | 5 | 37 | 40.15 | 5 | 37 | 65.69 | 10 | 135 | 34.31 | 6 | 105 | 43.80 | 7 |
| 6322271 | RPS22A | 3 | 52 | 24.62 | 3 | 52 | 24.62 | 3 | 24 | 13.08 | 2 | 33 | 25.38 | 3 |
| 6321407 | RPL24A | 4 | 23 | 22.58 | 4 | 23 | 27.74 | 7 | 163 | 10.97 | 2 | 4 | 16.77 | 2 |
| 6323357 | RPL38 | 2 | 14 | 32.05 | 2 | 14 | 50.00 | 4 | 67 | 0 | 0 | 0 | 33.33 | 3 |
| 398366183 | HTB1 | 6 | 56 | 39.69 | 6 | 56 | 31.30 | 5 | 77 | 8.40 | 1 | 1 | 18.32 | 2 |
| 398364287 | GCN1 | 20 | 35 | 8.16 | 20 | 35 | 2.10 | 5 | 6 | 2.96 | 7 | 61 | 0 | 0 |
| 6320016 | VMA1 | 33 | 228 | 33.43 | 33 | 228 | 28.38 | 26 | 154 | 9.62 | 10 | 244 | 2.80 | 2 |
| 14318481 | TUB2 | 10 | 72 | 27.79 | 10 | 72 | 35.01 | 11 | 62 | 4.38 | 3 | 99 | 8.10 | 3 |
| 398364585 | KAR2 | 20 | 48 | 32.40 | 20 | 48 | 31.82 | 21 | 127 | 1.61 | 1 | 1 | 3.96 | 2 |
| 6323196 | RPS31 | 1 | 2 | 10.53 | 1 | 2 | 32.89 | 2 | 11 | 0 | 0 | 0 | 0 | 0 |
| 6321013 | PAB1 | 16 | 60 | 35.18 | 16 | 60 | 49.74 | 22 | 128 | 7.45 | 5 | 24 | 28.08 | 13 |
| 6324993 | FUM1 | 1 | 2 | 2.66 | 1 | 2 | 5.33 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 398366075 | RPS29A | 1 | 2 | 14.29 | 1 | 2 | 14.29 | 1 | 3 | 0 | 0 | 0 | 32.14 | 2 |
| 6322755 | YJU2 | 2 | 2 | 11.15 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366059 | PLP2 | 2 | 5 | 7.34 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320718 | SMT3 | 1 | 1 | 6.93 | 1 | 1 | 6.93 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398365031 | YBR139W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.35 | 1 |
| 6321850 | FYV4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366083 | TDH3 | 14 | 416 | 49.70 | 14 | 416 | 63.86 | 15 | 408 | 24.40 | 10 | 401 | 46.08 | 12 |
| 6319279 | CDC19 | 21 | 122 | 55.60 | 21 | 122 | 58.60 | 25 | 144 | 18.20 | 10 | 410 | 31.60 | 11 |
| 6322468 | TDH2 | 13 | 389 | 47.59 | 13 | 389 | 50.30 | 13 | 399 | 21.99 | 9 | 397 | 45.78 | 11 |
| 6321249 | RPS26A | 0 | 0 | 26.05 | 3 | 11 | 26.05 | 3 | 37 | 13.45 | 2 | 68 | 20.17 | 2 |
| 6321772 | RPS20 | 6 | 16 | 45.45 | 6 | 16 | 33.88 | 6 | 25 | 27.27 | 5 | 22 | 9.92 | 1 |
| 14318474 | SEC53 | 7 | 20 | 31.10 | 7 | 20 | 24.02 | 5 | 14 | 5.51 | 1 | 12 | 5.91 | 1 |
| 6320589 | YRA1 | 4 | 17 | 20.80 | 4 | 17 | 19.91 | 4 | 9 | 3.54 | 1 | 1 | 19.91 | 4 |
| 6320805 | ECM10 | 0 | 0 | 12.27 | 9 | 64 | 12.27 | 9 | 74 | 4.19 | 3 | 4 | 2.80 | 1 |
| 6323776 | ECM16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320596 | RVS167 | 2 | 3 | 4.98 | 2 | 3 | 0 | 0 | 0 | 2.07 | 1 | 6 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 398366359 | SLH1 | 1 | 2 | 0.46 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324321 | SIS1 | 6 | 9 | 26.14 | 6 | 9 | 24.72 | 6 | 16 | 4.55 | 1 | 1 | 10.80 | 2 |
| 6319447 | NCL1 | 9 | 11 | 16.52 | 9 | 11 | 10.23 | 5 | 17 | 4.24 | 2 | 16 | 0 | 0 |
| 6323112 | EMP70 | 1 | 1 | 2.40 | 1 | 1 | 4.05 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 6324595 | SFM1 | 0 | 0 | 0 | 0 | 0 | 16.90 | 3 | 4 | 0 | 0 | 0 | 0 | 0 |
| 330443411 | UBP13 | 1 | 1 | 1.87 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323868 | EFR3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443676 | CDC34 | 3 | 5 | 10.58 | 3 | 5 | 6.92 | 3 | 3 | 1.92 | 1 | 1 | 0 | 0 |
| 6320615 | TRS120 | 1 | 1 | 0.93 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323487 | FMP27 | 1 | 1 | 0.34 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320231 | REG1 | 0 | 0 | 0 | 0 | 0 | 4.64 | 3 | 4 | 0.89 | 1 | 8 | 0 | 0 |
| 6324585 | AUS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325048 | RKM1 | 0 | 0 | 0 | 0 | 0 | 7.03 | 3 | 6 | 0 | 0 | 0 | 0 | 0 |
| 6323732 | SEG1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364779 | YGL041W- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.64 | 1 |
| 398365827 | CAF130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325063 | RSA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365559 | MSH6 | 0 | 0 | 1.05 | 1 | 1 | 0 | 0 | 0 | 1.13 | 1 | 2 | 0 | 0 |
| 398365727 | YNR034W- | 3 | 10 | 40.82 | 3 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323683 | YET2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443366 | GPB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325012 | HUT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 99030927 | KKQ8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364567 | MAD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320763 | RMD6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365009 | MEC1 | 56 | 325 | 28.25 | 56 | 325 | 23.48 | 49 | 148 | 0 | 0 | 0 | 0 | 0 |
| 398364407 | RPL9A | 7 | 109 | 48.69 | 7 | 109 | 51.31 | 8 | 248 | 11.52 | 3 | 257 | 25.13 | 4 |
| 6324298 | HHF2 | 4 | 30 | 40.78 | 4 | 30 | 41.75 | 5 | 28 | 0 | 0 | 0 | 29.13 | 3 |
| 6324262 | RPL9B | 7 | 98 | 48.69 | 7 | 98 | 50.26 | 7 | 177 | 16.23 | 4 | 260 | 15.18 | 3 |
| 398364523 | TDH1 | 8 | 312 | 28.92 | 8 | 312 | 26.51 | 6 | 212 | 12.65 | 5 | 270 | 35.24 | 9 |
| 398364951 | VMA2 | 26 | 348 | 60.54 | 26 | 348 | 61.32 | 26 | 192 | 10.44 | 6 | 281 | 28.43 | 10 |
| 6321333 | ARC1 | 6 | 17 | 17.29 | 6 | 17 | 14.89 | 6 | 21 | 7.98 | 3 | 10 | 0 | 0 |
| 6321408 | RPL30 | 3 | 80 | 38.10 | 3 | 80 | 67.62 | 7 | 108 | 8.57 | 1 | 5 | 39.05 | 3 |
| 6324445 | RPL25 | 5 | 22 | 35.21 | 5 | 22 | 45.07 | 8 | 116 | 16.90 | 2 | 16 | 19.01 | 2 |
| 6325114 | RPL33A | 2 | 11 | 24.30 | 2 | 11 | 32.71 | 4 | 30 | 15.89 | 2 | 82 | 0 | 0 |
| 398365881 | RPL33B | 2 | 9 | 24.30 | 2 | 9 | 31.78 | 3 | 14 | 15.89 | 2 | 82 | 0 | 0 |
| 398364339 | THS1 | 20 | 43 | 31.74 | 20 | 43 | 29.02 | 17 | 58 | 2.45 | 2 | 12 | 6.13 | 3 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 330443609 | URA2 | 47 | 95 | 26.65 | 47 | 95 | 16.76 | 30 | 81 | 5.92 | 13 | 143 | 5.19 | 8 |
| 6323209 | SAM1 | 7 | 20 | 17.80 | 7 | 20 | 55.24 | 16 | 123 | 5.76 | 3 | 95 | 0 | 0 |
| 398364415 | HXK1 | 5 | 11 | 13.81 | 5 | 11 | 5.98 | 3 | 4 | 3.51 | 2 | 3 | 7.22 | 2 |
| 6321232 | CHC1 | 17 | 23 | 12.89 | 17 | 23 | 8.29 | 10 | 13 | 1.33 | 2 | 4 | 0.97 | 1 |
| 6322352 | UTP10 | 3 | 3 | 2.09 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366655 | SAM2 | 7 | 18 | 17.45 | 7 | 18 | 44.53 | 15 | 85 | 8.33 | 3 | 33 | 0 | 0 |
| 6322115 | RPN2 | 13 | 20 | 15.03 | 13 | 20 | 6.67 | 6 | 7 | 3.07 | 3 | 14 | 1.59 | 1 |
| 6320073 | RPP1B | 1 | 13 | 15.09 | 1 | 13 | 47.17 | 2 | 139 | 0 | 0 | 0 | 15.09 | 1 |
| 6320122 | RPP1A | 2 | 8 | 28.30 | 2 | 8 | 58.49 | 3 | 7 | 0 | 0 | 0 | 0 | 0 |
| 6323693 | ERB1 | 2 | 3 | 2.48 | 2 | 3 | 6.69 | 5 | 9 | 1.36 | 1 | 1 | 0 | 0 |
| 6320784 | VMA8 | 0 | 0 | 0 | 0 | 0 | 8.59 | 2 | 2 | 12.50 | 4 | 32 | 8.59 | 2 |
| 6323087 | SHM2 | 12 | 70 | 26.87 | 12 | 70 | 15.57 | 6 | 26 | 12.79 | 7 | 84 | 6.18 | 2 |
| 6320119 | SUB2 | 12 | 37 | 29.60 | 12 | 37 | 31.61 | 13 | 24 | 11.21 | 4 | 29 | 7.62 | 2 |
| 6320573 | ESF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323179 | STM1 | 1 | 1 | 2.93 | 1 | 1 | 32.60 | 6 | 13 | 15.75 | 3 | 5 | 16.12 | 2 |
| 398366241 | SEN1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323763 | ASC1 | 5 | 9 | 18.18 | 5 | 9 | 20.69 | 6 | 14 | 4.70 | 1 | 1 | 3.76 | 1 |
| 6324772 | BFR1 | 10 | 21 | 22.55 | 10 | 21 | 26.38 | 11 | 27 | 2.34 | 1 | 1 | 11.49 | 4 |
| 6320175 | ARP2 | 5 | 12 | 17.14 | 5 | 12 | 16.37 | 4 | 9 | 2.81 | 1 | 3 | 0 | 0 |
| 398366669 | EMI2 | 1 | 1 | 2.40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323389 | RSC2 | 3 | 4 | 3.60 | 3 | 4 | 0 | 0 | 0 | 1.35 | 1 | 1 | 0 | 0 |
| 6324663 | VPS21 | 6 | 18 | 31.90 | 6 | 18 | 60.48 | 10 | 48 | 12.38 | 2 | 4 | 0 | 0 |
| 6319543 | TAT1 | 1 | 1 | 1.94 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325417 | KRE6 | 3 | 11 | 5.97 | 3 | 11 | 0 | 0 | 0 | 2.08 | 1 | 4 | 0 | 0 |
| 6324021 | KRI1 | 2 | 2 | 4.06 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323454 | YLR422W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.47 | 1 | 2 | 0 | 0 |
| 6319756 | PAF1 | 0 | 0 | 0 | 0 | 0 | 5.39 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323725 | SEC14 | 13 | 101 | 53.62 | 13 | 101 | 60.53 | 14 | 127 | 0 | 0 | 0 | 0 | 0 |
| 6323368 | SGD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322598 | IML1 | 1 | 1 | 0.69 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366503 | YDR341C | 7 | 12 | 12.19 | 7 | 12 | 12.03 | 7 | 10 | 1.65 | 1 | 5 | 0 | 0 |
| 6320423 | RAD9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325147 | GDE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319585 | CMD1 | 4 | 11 | 38.10 | 4 | 11 | 8.84 | 1 | 2 | 6.12 | 1 | 7 | 0 | 0 |
| 6322946 | PTR2 | 2 | 4 | 4.16 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366323 | GND2 | 0 | 0 | 4.47 | 2 | 2 | 2.03 | 1 | 2 | 0 | 0 | 0 | 2.03 | 1 |
| 6324231 | RAS2 | 2 | 2 | 11.49 | 2 | 2 | 15.84 | 3 | 12 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 6320637 | TIF35 | 6 | 14 | 31.02 | 6 | 14 | 16.42 | 3 | 12 | 7.30 | 2 | 6 | 0 | 0 |
| 398364223 | NPR2 | 1 | 1 | 2.28 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325390 | SPN1 | 8 | 15 | 24.88 | 8 | 15 | 3.66 | 1 | 2 | 3.66 | 2 | 3 | 3.41 | 1 |
| 6324578 | DNL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319291 | FRT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322242 | HXT9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322272 | RPL39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318518 | VTC2 | 3 | 4 | 3.38 | 3 | 4 | 0 | 0 | 0 | 1.09 | 1 | 5 | 0 | 0 |
| 330443752 | THI22 | 0 | 0 | 3.15 | 2 | 8 | 1.75 | 1 | 1 | 1.75 | 1 | 7 | 0 | 0 |
| 6325175 | MOT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322796 | DEF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.67 | 2 |
| 398365059 | PTK2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320345 | DOP1 | 3 | 4 | 1.83 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323863 | HFA1 | 0 | 0 | 0 | 0 | 0 | 0.42 | 1 | 2 | 0.52 | 1 | 18 | 0 | 0 |
| 6322948 | MLP1 | 6 | 8 | 4.16 | 6 | 8 | 4.16 | 5 | 6 | 0 | 0 | 0 | 0 | 0 |
| 6322999 | FRA1 | 1 | 1 | 1.74 | 1 | 1 | 1.47 | 1 | 1 | 1.07 | 1 | 1 | 0 | 0 |
| 6324491 | IRA2 | 1 | 1 | 0.49 | 1 | 1 | 0.23 | 1 | 1 | 0.36 | 1 | 1 | 0 | 0 |
| 6324215 | RPC19 | 0 | 0 | 0 | 0 | 0 | 10.56 | 1 | 1 | 8.45 | 1 | 5 | 10.56 | 1 |
| 6320419 | UPC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364627 | RDH54 | 2 | 2 | 2.30 | 2 | 2 | 0 | 0 | 0 | 1.04 | 1 | 1 | 0 | 0 |
| 6321752 | VMR1 | 0 | 0 | 0 | 0 | 0 | 0.50 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6321793 | TIM10 | 0 | 0 | 0 | 0 | 0 | 15.05 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6322032 | BNR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325074 | RTT10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325235 | RAD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.27 | 1 | 1 | 0 | 0 |
| 6323869 | CEF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323917 | TPS3 | 1 | 2 | 1.61 | 1 | 2 | 1.04 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6321552 | SPT6 | 7 | 10 | 5.17 | 7 | 10 | 2.83 | 3 | 4 | 0.55 | 1 | 1 | 0 | 0 |
| 6320853 | BIM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.94 | 1 | 2 | 0 | 0 |
| 398364243 | YEL043W | 1 | 3 | 1.15 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320027 | DLD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323356 | PEX30 | 1 | 2 | 3.44 | 1 | 2 | 0 | 0 | 0 | 1.53 | 1 | 1 | 0 | 0 |
| 6320799 | ANP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324393 | YNR065C | 0 | 0 | 1.88 | 2 | 2 | 1.88 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 6323266 | THI7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323445 | YLR413W | 1 | 1 | 1.93 | 1 | 1 | 0 | 0 | 0 | 1.48 | 1 | 1 | 0 | 0 |
| 398364667 | THO2 | 0 | 0 | 0 | 0 | 0 | 0.88 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|--------------------|--------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1_ _WT_1 | TAP_Rtr1_ _WT_1 |
| 37362637 | JIP4 | 0 | 0 | 0 | 0 | 0 | 1.03 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398364707 | AAC3 | 0 | 0 | 7.49 | 2 | 6 | 3.58 | 1 | 2 | 0 | 0 | 0 | 3.58 | 1 |
| 6322570 | YMR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324879 | ISW2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383772 | LEU2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.32 | 1 |
| 6322079 | HOS4 | 0 | 0 | 0.65 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321210 | VID30 | 1 | 1 | 1.46 | 1 | 1 | 0 | 0 | 0 | 0.84 | 1 | 1 | 0 | 0 |
| 398365701 | YNR029C | 1 | 1 | 2.80 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320692 | VPS52 | 1 | 1 | 2.50 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365525 | SMD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322086 | SLM1 | 1 | 1 | 1.75 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.92 | 1 |
| 398364897 | CBP6 | 4 | 9 | 21.60 | 4 | 9 | 27.78 | 6 | 8 | 0 | 0 | 0 | 6.79 | 1 |
| 6323726 | NAM7 | 1 | 1 | 1.13 | 1 | 1 | 1.85 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6324982 | SAM4 | 1 | 1 | 3.38 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320324 | VBA4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324612 | HIR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324981 | SAM3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325379 | AXL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321020 | BRR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324694 | GCY1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322312 | DAS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364625 | YKL033W- | 2 | 2 | 8.47 | 2 | 2 | 0 | 0 | 0 | 3.39 | 1 | 1 | 0 | 0 |
| 6320034 | NRP1 | 1 | 1 | 1.67 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325374 | YPR117W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324546 | MDM38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.75 | 1 | 1 | 3.14 | 1 |
| 6323289 | LCB5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321205 | TAN1 | 0 | 0 | 0 | 0 | 0 | 6.57 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 6319351 | PHO11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319523 | REB1 | 1 | 1 | 1.23 | 1 | 1 | 3.46 | 2 | 5 | 1.60 | 1 | 1 | 0 | 0 |
| 6320921 | YER077C | 1 | 1 | 1.02 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320826 | GLC3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365141 | INP53 | 1 | 1 | 0.99 | 1 | 1 | 0.72 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398366583 | SIP1 | 1 | 1 | 1.47 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364669 | MAD3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322700 | DBR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323317 | YLR287C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365819 | SAN1 | 1 | 3 | 3.28 | 1 | 3 | 1.48 | 1 | 1 | 2.95 | 1 | 1 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 398365335 | YNL033W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33438893 | YPL119C- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322579 | JHD2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324141 | KAR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383756 | LRE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364917 | NHP10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323035 | NSE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50593425 | OMA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321910 | ORC6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322494 | PET191 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365057 | SPO14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364971 | TRP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365003 | PSF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321697 | RAD2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319525 | REG2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320271 | RTR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324162 | SKO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366633 | SNM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322778 | STB6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325081 | TRE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324447 | TRM13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323236 | HRD3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325184 | UBP16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364885 | UBP5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325071 | UIP4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365127 | UIP5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319904 | YIH1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325266 | SUT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.46 | 1 | 1 | 0 | 0 |
| 6324449 | HRP1 | 1 | 1 | 3.18 | 1 | 1 | 7.12 | 3 | 8 | 1.50 | 1 | 3 | 2.43 | 1 |
| 6323278 | YEF3 | 36 | 340 | 43.68 | 36 | 340 | 29.50 | 26 | 113 | 15.13 | 18 | 452 | 5.94 | 5 |
| 6322084 | PFK26 | 28 | 347 | 37.85 | 28 | 347 | 28.66 | 18 | 54 | 1.21 | 1 | 2 | 0 | 0 |
| 6323057 | RPL15A | 5 | 18 | 25.49 | 5 | 18 | 36.27 | 7 | 179 | 15.20 | 4 | 413 | 6.86 | 1 |
| 6323769 | RPL15B | 5 | 12 | 25.49 | 5 | 12 | 31.37 | 6 | 162 | 15.20 | 4 | 347 | 6.86 | 1 |
| 6319282 | FUN12 | 2 | 2 | 3.09 | 2 | 2 | 4.89 | 4 | 4 | 3.19 | 2 | 9 | 0 | 0 |
| 6320190 | NOP1 | 9 | 25 | 35.17 | 9 | 25 | 6.42 | 2 | 7 | 11.31 | 5 | 16 | 4.89 | 1 |
| 6323654 | CLU1 | 16 | 31 | 16.60 | 16 | 31 | 0.70 | 1 | 1 | 5.95 | 7 | 20 | 0 | 0 |
| 6324886 | NOP58 | 8 | 17 | 20.74 | 8 | 17 | 21.33 | 8 | 21 | 8.22 | 3 | 11 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 6323226 | NOP56 | 9 | 15 | 23.21 | 9 | 15 | 22.22 | 10 | 14 | 4.37 | 2 | 18 | 0 | 0 |
| 37362658 | SSZ1 | 13 | 54 | 35.50 | 13 | 54 | 36.06 | 15 | 41 | 7.06 | 4 | 51 | 7.43 | 2 |
| 6324452 | RPL18A | 4 | 49 | 24.19 | 4 | 49 | 27.96 | 5 | 98 | 30.65 | 6 | 380 | 6.99 | 1 |
| 398366653 | LCD1 | 16 | 43 | 26.37 | 16 | 43 | 19.68 | 12 | 41 | 0 | 0 | 0 | 0 | 0 |
| 6322313 | RPA34 | 7 | 45 | 37.34 | 7 | 45 | 43.35 | 11 | 215 | 0 | 0 | 0 | 0 | 0 |
| 398364437 | RPL1B | 9 | 85 | 38.25 | 9 | 85 | 38.71 | 10 | 111 | 7.37 | 2 | 35 | 0 | 0 |
| 6321968 | ENO2 | 14 | 178 | 42.11 | 14 | 178 | 48.97 | 17 | 272 | 13.73 | 6 | 88 | 41.65 | 11 |
| 398365729 | DED1 | 21 | 115 | 43.71 | 21 | 115 | 28.81 | 15 | 52 | 8.11 | 6 | 60 | 35.60 | 14 |
| 6323566 | FPR3 | 2 | 6 | 6.81 | 2 | 6 | 6.81 | 2 | 2 | 5.11 | 2 | 4 | 0 | 0 |
| 398366315 | ENO1 | 10 | 95 | 29.52 | 10 | 95 | 34.32 | 11 | 140 | 13.73 | 6 | 88 | 23.11 | 6 |
| 10383781 | PGK1 | 16 | 45 | 48.08 | 16 | 45 | 45.67 | 16 | 47 | 3.85 | 2 | 30 | 38.22 | 10 |
| 6321874 | KSP1 | 6 | 12 | 7.68 | 6 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321531 | VAS1 | 31 | 74 | 33.42 | 31 | 74 | 23.73 | 22 | 57 | 3.89 | 4 | 16 | 0 | 0 |
| 6322769 | TEF4 | 9 | 71 | 27.43 | 9 | 71 | 19.17 | 8 | 31 | 11.89 | 5 | 30 | 8.01 | 2 |
| 398366187 | HTA1 | 1 | 4 | 6.82 | 1 | 4 | 12.12 | 2 | 12 | 5.30 | 1 | 18 | 12.12 | 2 |
| 330443451 | GRS1 | 27 | 206 | 45.73 | 27 | 206 | 44.98 | 25 | 136 | 19.49 | 16 | 261 | 6.15 | 3 |
| 6321203 | ADE5,7 | 12 | 31 | 19.58 | 12 | 31 | 20.07 | 11 | 14 | 4.24 | 4 | 16 | 2.24 | 1 |
| 6324486 | ADH1 | 14 | 654 | 47.99 | 14 | 654 | 55.75 | 19 | 463 | 13.79 | 5 | 143 | 13.79 | 4 |
| 6323371 | RPP0 | 9 | 100 | 33.33 | 9 | 100 | 31.73 | 8 | 113 | 8.65 | 3 | 114 | 3.53 | 1 |
| 6323886 | RPS10B | 1 | 1 | 17.14 | 1 | 1 | 38.10 | 3 | 51 | 20.95 | 3 | 5 | 0 | 0 |
| 6320009 | ARF1 | 8 | 735 | 56.35 | 8 | 735 | 56.35 | 8 | 336 | 12.71 | 2 | 100 | 27.62 | 4 |
| 6321429 | LEU1 | 23 | 320 | 35.82 | 23 | 320 | 39.41 | 22 | 122 | 2.82 | 2 | 19 | 0 | 0 |
| 6323204 | CBF5 | 2 | 4 | 6.42 | 2 | 4 | 0 | 0 | 0 | 4.97 | 2 | 4 | 0 | 0 |
| 6320064 | ARF2 | 8 | 326 | 56.35 | 8 | 326 | 56.35 | 8 | 129 | 12.71 | 2 | 100 | 14.36 | 2 |
| 6321265 | XRN1 | 14 | 21 | 11.58 | 14 | 21 | 2.75 | 3 | 5 | 0 | 0 | 0 | 0 | 0 |
| 6323904 | RKR1 | 24 | 63 | 19.53 | 24 | 63 | 1.02 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6322790 | FBA1 | 8 | 60 | 36.21 | 8 | 60 | 31.75 | 7 | 80 | 6.13 | 2 | 36 | 9.47 | 2 |
| 6324562 | HTZ1 | 2 | 13 | 14.18 | 2 | 13 | 22.39 | 3 | 11 | 12.69 | 2 | 27 | 29.85 | 4 |
| 6321231 | SPT16 | 5 | 10 | 5.60 | 5 | 10 | 4.93 | 4 | 5 | 0.97 | 1 | 1 | 0 | 0 |
| 398365455 | TEF3 | 10 | 61 | 10.44 | 10 | 61 | 6.80 | 6 | 16 | 9.39 | 10 | 100 | 1.05 | 1 |
| 398366333 | FPR4 | 0 | 0 | 4.34 | 1 | 2 | 9.18 | 3 | 5 | 0 | 0 | 0 | 0 | 0 |
| 398364607 | DBP3 | 1 | 1 | 2.29 | 1 | 1 | 4.40 | 2 | 2 | 2.10 | 2 | 6 | 0 | 0 |
| 6324534 | RPP2A | 5 | 76 | 79.25 | 5 | 76 | 79.25 | 5 | 85 | 11.32 | 1 | 26 | 28.30 | 2 |
| 6321430 | PMA1 | 16 | 71 | 20.26 | 16 | 71 | 24.51 | 20 | 84 | 10.89 | 11 | 303 | 1.63 | 1 |
| 398364809 | DBP2 | 14 | 66 | 28.39 | 14 | 66 | 9.16 | 4 | 16 | 0 | 0 | 0 | 7.14 | 3 |
| 6319668 | RPL21A | 5 | 19 | 22.50 | 5 | 19 | 26.25 | 6 | 32 | 26.25 | 6 | 462 | 11.88 | 2 |
| 6323981 | FET4 | 6 | 13 | 13.22 | 6 | 13 | 8.33 | 2 | 4 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 6321807 | DED81 | 15 | 54 | 33.57 | 15 | 54 | 36.82 | 16 | 65 | 9.75 | 5 | 11 | 2.17 | 1 |
| 398364767 | SUI2 | 4 | 9 | 18.75 | 4 | 9 | 9.87 | 2 | 5 | 9.54 | 3 | 25 | 0 | 0 |
| 6323011 | DPS1 | 16 | 55 | 35.01 | 16 | 55 | 42.37 | 21 | 70 | 7.18 | 4 | 41 | 6.28 | 3 |
| 6323885 | RRP5 | 12 | 16 | 8.62 | 12 | 16 | 3.64 | 6 | 8 | 2.14 | 3 | 4 | 0.69 | 1 |
| 398366547 | RPP2B | 6 | 80 | 81.82 | 6 | 80 | 86.36 | 7 | 111 | 12.73 | 1 | 11 | 22.73 | 2 |
| 6323288 | HSP60 | 22 | 82 | 44.76 | 22 | 82 | 52.80 | 26 | 155 | 8.22 | 4 | 40 | 31.82 | 14 |
| 6321599 | NSR1 | 4 | 7 | 13.04 | 4 | 7 | 13.04 | 4 | 7 | 7.97 | 3 | 14 | 0 | 0 |
| 6320863 | GCD11 | 6 | 14 | 16.70 | 6 | 14 | 22.20 | 9 | 19 | 6.83 | 3 | 5 | 0 | 0 |
| 398366591 | NPL3 | 9 | 88 | 27.05 | 9 | 88 | 13.77 | 4 | 40 | 0 | 0 | 0 | 11.84 | 3 |
| 6319483 | IPP1 | 3 | 4 | 9.76 | 3 | 4 | 10.45 | 2 | 4 | 0 | 0 | 0 | 0 | 0 |
| 6325221 | PMA2 | 0 | 0 | 14.15 | 12 | 55 | 18.27 | 15 | 68 | 8.24 | 8 | 288 | 1.58 | 1 |
| 6322745 | GFA1 | 17 | 74 | 32.50 | 17 | 74 | 19.39 | 10 | 26 | 2.37 | 2 | 38 | 2.93 | 1 |
| 398364525 | LSG1 | 2 | 3 | 3.91 | 2 | 3 | 12.03 | 6 | 16 | 0 | 0 | 0 | 0 | 0 |
| 6325038 | SAR1 | 7 | 50 | 46.32 | 7 | 50 | 24.74 | 4 | 15 | 11.05 | 2 | 21 | 0 | 0 |
| 6323840 | HSC82 | 30 | 257 | 41.28 | 30 | 257 | 42.13 | 34 | 374 | 11.63 | 8 | 55 | 21.13 | 11 |
| 6321881 | GAR1 | 2 | 9 | 14.15 | 2 | 9 | 6.34 | 1 | 5 | 0 | 0 | 0 | 0 | 0 |
| 6320164 | NAT1 | 4 | 4 | 5.62 | 4 | 4 | 3.40 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 398366403 | RPS12 | 4 | 26 | 29.37 | 4 | 26 | 33.57 | 5 | 34 | 23.08 | 3 | 162 | 6.99 | 1 |
| 6322830 | CDC16 | 18 | 92 | 24.52 | 18 | 92 | 14.40 | 11 | 30 | 0 | 0 | 0 | 0 | 0 |
| 330443397 | ATP1 | 18 | 193 | 37.25 | 18 | 193 | 43.30 | 22 | 165 | 11.38 | 8 | 215 | 17.80 | 8 |
| 6324709 | IDH2 | 4 | 6 | 14.91 | 4 | 6 | 9.76 | 2 | 2 | 5.42 | 2 | 8 | 2.98 | 1 |
| 6325178 | RPL21B | 0 | 0 | 22.50 | 5 | 19 | 26.25 | 6 | 32 | 33.13 | 7 | 474 | 11.88 | 2 |
| 6321903 | UBA4 | 14 | 116 | 28.86 | 14 | 116 | 31.82 | 13 | 37 | 0 | 0 | 0 | 0 | 0 |
| 6325138 | DBP1 | 0 | 0 | 8.10 | 5 | 31 | 8.10 | 5 | 16 | 2.59 | 2 | 15 | 8.43 | 4 |
| 6325248 | TAE2 | 3 | 3 | 3.18 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443505 | DBP10 | 1 | 1 | 1.31 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320148 | PSA1 | 10 | 132 | 42.66 | 10 | 132 | 27.42 | 7 | 51 | 0 | 0 | 0 | 8.31 | 2 |
| 6325016 | HSP82 | 29 | 236 | 42.60 | 29 | 236 | 38.79 | 29 | 337 | 11.42 | 8 | 55 | 21.02 | 11 |
| 6320874 | ARB1 | 9 | 22 | 19.84 | 9 | 22 | 9.84 | 4 | 14 | 11.31 | 6 | 35 | 0 | 0 |
| 6319673 | PGI1 | 3 | 4 | 7.04 | 3 | 4 | 1.81 | 1 | 2 | 0 | 0 | 0 | 2.71 | 1 |
| 398365251 | GSC2 | 18 | 49 | 11.50 | 18 | 49 | 3.69 | 7 | 13 | 1.21 | 1 | 3 | 0 | 0 |
| 6325018 | SUI3 | 8 | 19 | 33.68 | 8 | 19 | 23.16 | 5 | 18 | 3.51 | 2 | 3 | 8.42 | 1 |
| 6323374 | FKS1 | 26 | 81 | 18.28 | 26 | 81 | 8.00 | 11 | 24 | 1.23 | 1 | 2 | 0 | 0 |
| 14318479 | ACT1 | 11 | 77 | 37.33 | 11 | 77 | 49.87 | 13 | 139 | 20.27 | 7 | 165 | 13.33 | 3 |
| 6323554 | TUB1 | 9 | 84 | 26.85 | 9 | 84 | 23.49 | 8 | 60 | 5.37 | 2 | 4 | 10.96 | 3 |
| 6321724 | ZUO1 | 9 | 22 | 30.95 | 9 | 22 | 27.02 | 8 | 19 | 8.55 | 5 | 29 | 3.70 | 1 |
| 6320842 | NUG1 | 8 | 14 | 21.15 | 8 | 14 | 13.65 | 5 | 5 | 4.42 | 3 | 7 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|--------------------|--------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1_ _WT_1 | TAP_Rtr1_ _WT_1 |
| 6322652 | YKT6 | 6 | 11 | 32.00 | 6 | 11 | 13.00 | 3 | 4 | 13.00 | 2 | 10 | 7.00 | 1 |
| 6321706 | FOL2 | 6 | 6 | 27.16 | 6 | 6 | 24.28 | 5 | 6 | 0 | 0 | 0 | 0 | 0 |
| 6319546 | HSP26 | 4 | 7 | 27.10 | 4 | 7 | 15.89 | 2 | 5 | 8.88 | 2 | 5 | 27.10 | 5 |
| 398364355 | RPL29 | 1 | 2 | 15.25 | 1 | 2 | 13.56 | 1 | 3 | 13.56 | 1 | 2 | 13.56 | 1 |
| 398365973 | TIF4631 | 2 | 2 | 2.21 | 2 | 2 | 1.26 | 1 | 1 | 5.57 | 5 | 9 | 4.31 | 2 |
| 6321929 | ARO9 | 1 | 1 | 1.95 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321808 | YHR020W | 19 | 138 | 35.76 | 19 | 138 | 31.98 | 17 | 70 | 7.85 | 5 | 55 | 7.41 | 3 |
| 6323729 | ADH3 | 4 | 21 | 9.33 | 4 | 21 | 11.47 | 4 | 6 | 1.87 | 1 | 1 | 0 | 0 |
| 6319395 | ILS1 | 13 | 26 | 15.11 | 13 | 26 | 16.51 | 13 | 29 | 2.33 | 2 | 14 | 1.31 | 1 |
| 6323969 | NIP1 | 6 | 7 | 8.99 | 6 | 7 | 8.87 | 5 | 6 | 3.94 | 3 | 6 | 3.57 | 2 |
| 6322666 | FAS1 | 27 | 53 | 16.53 | 27 | 53 | 14.19 | 21 | 42 | 2.63 | 6 | 27 | 2.83 | 4 |
| 6323568 | TCB3 | 6 | 9 | 5.05 | 6 | 9 | 2.27 | 2 | 4 | 0.84 | 1 | 1 | 0 | 0 |
| 398366505 | HXT7 | 1 | 1 | 2.46 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322289 | CPS1 | 3 | 4 | 5.73 | 3 | 4 | 3.65 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 398366285 | ALA1 | 18 | 39 | 23.59 | 18 | 39 | 25.37 | 18 | 55 | 3.24 | 3 | 4 | 4.07 | 3 |
| 6319553 | RPG1 | 8 | 14 | 11.00 | 8 | 14 | 5.71 | 3 | 4 | 10.37 | 8 | 38 | 4.36 | 3 |
| 6325298 | TIF5 | 9 | 16 | 24.20 | 9 | 16 | 32.59 | 11 | 31 | 5.19 | 2 | 22 | 0 | 0 |
| 398366229 | FAA1 | 12 | 35 | 23.14 | 12 | 35 | 9.29 | 4 | 5 | 4.14 | 4 | 40 | 0 | 0 |
| 6323613 | TSA1 | 4 | 30 | 23.98 | 4 | 30 | 34.18 | 7 | 71 | 0 | 0 | 0 | 20.41 | 3 |
| 6323183 | RNH203 | 7 | 113 | 82.73 | 7 | 113 | 82.73 | 9 | 347 | 0 | 0 | 0 | 0 | 0 |
| 6320359 | CPR1 | 0 | 0 | 0 | 0 | 0 | 20.37 | 2 | 7 | 8.02 | 1 | 7 | 0 | 0 |
| 6321236 | ARO8 | 5 | 9 | 14.20 | 5 | 9 | 19.00 | 6 | 9 | 0 | 0 | 0 | 0 | 0 |
| 6323861 | PFK2 | 18 | 50 | 25.13 | 18 | 50 | 19.50 | 13 | 35 | 5.01 | 5 | 17 | 14.91 | 9 |
| 398365253 | TIF1 | 17 | 138 | 50.63 | 17 | 138 | 50.89 | 18 | 146 | 9.62 | 4 | 67 | 19.24 | 6 |
| 6323511 | TUB3 | 6 | 64 | 18.65 | 6 | 64 | 19.10 | 6 | 48 | 3.82 | 2 | 2 | 8.09 | 2 |
| 37362625 | SRO9 | 6 | 10 | 20.97 | 6 | 10 | 20.51 | 5 | 9 | 3.92 | 1 | 2 | 4.61 | 1 |
| 398365115 | BMH1 | 8 | 23 | 26.97 | 8 | 23 | 41.57 | 8 | 27 | 5.24 | 1 | 7 | 10.11 | 2 |
| 398366063 | TYS1 | 5 | 13 | 15.23 | 5 | 13 | 12.18 | 5 | 10 | 2.03 | 1 | 5 | 0 | 0 |
| 6323002 | HSP104 | 31 | 97 | 38.99 | 31 | 97 | 16.30 | 11 | 23 | 10.90 | 10 | 34 | 2.09 | 1 |
| 6324902 | MYO2 | 9 | 9 | 6.48 | 9 | 9 | 0 | 0 | 0 | 2.10 | 2 | 2 | 0 | 0 |
| 6323947 | HAS1 | 4 | 6 | 9.11 | 4 | 6 | 4.95 | 2 | 2 | 1.98 | 1 | 2 | 0 | 0 |
| 6320376 | HSP42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.93 | 1 | 10 | 0 | 0 |
| 398364255 | HYP2 | 4 | 21 | 37.58 | 4 | 21 | 22.93 | 3 | 15 | 0 | 0 | 0 | 0 | 0 |
| 6320809 | SNU13 | 2 | 5 | 13.49 | 2 | 5 | 30.95 | 3 | 4 | 5.56 | 1 | 1 | 0 | 0 |
| 6323021 | DRS1 | 2 | 2 | 3.19 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366329 | PYK2 | 0 | 0 | 1.98 | 1 | 10 | 1.98 | 1 | 5 | 0 | 0 | 0 | 1.98 | 1 |
| 398365741 | NOC2 | 1 | 1 | 1.41 | 1 | 1 | 0.99 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 6321027 | DMC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364483 | HOR2 | 0 | 0 | 13.60 | 3 | 6 | 10.80 | 3 | 14 | 3.60 | 1 | 14 | 10.80 | 3 |
| 398365429 | PDR5 | 13 | 26 | 11.25 | 13 | 26 | 5.29 | 6 | 7 | 1.79 | 2 | 9 | 1.13 | 1 |
| 6325245 | RRP12 | 2 | 4 | 2.12 | 2 | 4 | 0 | 0 | 0 | 0.98 | 1 | 3 | 0 | 0 |
| 398364937 | TOP2 | 6 | 9 | 5.25 | 6 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324660 | TCB1 | 2 | 2 | 2.78 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320056 | COP1 | 10 | 15 | 10.82 | 10 | 15 | 11.41 | 10 | 19 | 2.25 | 3 | 17 | 0 | 0 |
| 398365597 | BMH2 | 6 | 19 | 21.98 | 6 | 19 | 39.56 | 8 | 23 | 5.13 | 1 | 3 | 9.89 | 2 |
| 6325030 | NEW1 | 16 | 24 | 16.72 | 16 | 24 | 12.29 | 11 | 13 | 4.85 | 5 | 16 | 1.34 | 1 |
| 6321809 | RPS27B | 2 | 2 | 18.29 | 2 | 2 | 29.27 | 3 | 19 | 10.98 | 1 | 1 | 0 | 0 |
| 6321012 | CHD1 | 1 | 1 | 0.89 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320499 | SSD1 | 6 | 9 | 6.16 | 6 | 9 | 4.80 | 4 | 5 | 1.12 | 1 | 1 | 0 | 0 |
| 6323072 | TRX1 | 6 | 23 | 66.02 | 6 | 23 | 58.25 | 6 | 28 | 22.33 | 2 | 6 | 0 | 0 |
| 6325238 | VTC3 | 3 | 3 | 3.71 | 3 | 3 | 0 | 0 | 0 | 1.20 | 1 | 1 | 1.56 | 1 |
| 398365319 | MAK21 | 2 | 2 | 2.34 | 2 | 2 | 1.27 | 1 | 1 | 1.27 | 1 | 1 | 0 | 0 |
| 398364327 | LSB3 | 3 | 3 | 8.93 | 3 | 3 | 1.74 | 1 | 1 | 7.84 | 2 | 8 | 0 | 0 |
| 6319513 | ATP3 | 11 | 43 | 40.84 | 11 | 43 | 52.09 | 13 | 48 | 4.18 | 1 | 9 | 20.58 | 5 |
| 6324140 | SRP1 | 4 | 6 | 7.20 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324297 | HHT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11.76 | 2 | 11 | 0 | 0 |
| 6323306 | DBP9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324039 | RFC3 | 0 | 0 | 2.65 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321193 | RTF1 | 11 | 55 | 24.91 | 11 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366149 | TRX2 | 6 | 20 | 66.35 | 6 | 20 | 58.65 | 6 | 39 | 9.62 | 1 | 3 | 0 | 0 |
| 6322452 | CCT8 | 15 | 39 | 30.46 | 15 | 39 | 29.58 | 12 | 26 | 17.43 | 9 | 89 | 4.40 | 2 |
| 6321679 | PFK1 | 21 | 58 | 26.65 | 21 | 58 | 22.70 | 17 | 37 | 5.67 | 5 | 66 | 7.19 | 4 |
| 6324219 | NOP15 | 0 | 0 | 0 | 0 | 0 | 10.00 | 2 | 3 | 0 | 0 | 0 | 0 | 0 |
| 330443717 | CTR9 | 1 | 1 | 0.84 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323755 | ILV2 | 13 | 53 | 28.24 | 13 | 53 | 33.77 | 20 | 132 | 7.13 | 5 | 104 | 4.66 | 2 |
| 6320276 | PAA1 | 3 | 7 | 16.23 | 3 | 7 | 7.33 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 6681849 | RPL42A | 3 | 3 | 22.64 | 3 | 3 | 0 | 0 | 0 | 8.49 | 2 | 5 | 0 | 0 |
| 14318517 | SEC4 | 8 | 38 | 50.23 | 8 | 38 | 50.23 | 8 | 69 | 5.58 | 1 | 28 | 0 | 0 |
| 6320400 | MSS116 | 7 | 15 | 14.16 | 7 | 15 | 3.77 | 2 | 3 | 6.02 | 3 | 10 | 0 | 0 |
| 6321389 | TIF4632 | 1 | 1 | 0.98 | 1 | 1 | 0 | 0 | 0 | 1.20 | 1 | 1 | 5.80 | 2 |
| 6324081 | RPA49 | 1 | 1 | 3.61 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366347 | MES1 | 14 | 32 | 22.24 | 14 | 32 | 19.44 | 11 | 22 | 3.99 | 3 | 6 | 0 | 0 |
| 6320418 | TCP1 | 11 | 31 | 23.61 | 11 | 31 | 21.29 | 9 | 30 | 13.77 | 7 | 39 | 4.83 | 2 |
| 398365595 | PIL1 | 10 | 69 | 39.53 | 10 | 69 | 27.43 | 8 | 58 | 10.32 | 5 | 8 | 10.32 | 2 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 398364417 | SAH1 | 2 | 9 | 5.12 | 2 | 9 | 14.48 | 6 | 18 | 0 | 0 | 0 | 2.67 | 1 |
| 6320396 | RVB1 | 14 | 42 | 40.82 | 14 | 42 | 19.65 | 7 | 15 | 9.72 | 4 | 18 | 0 | 0 |
| 6320077 | CDC48 | 22 | 110 | 35.33 | 22 | 110 | 35.57 | 23 | 95 | 0.96 | 1 | 1 | 1.44 | 1 |
| 6325025 | FAS2 | 31 | 53 | 21.78 | 31 | 53 | 15.10 | 23 | 43 | 5.03 | 5 | 13 | 1.43 | 2 |
| 6324517 | THI20 | 20 | 117 | 47.19 | 20 | 117 | 23.59 | 9 | 18 | 1.81 | 1 | 7 | 0 | 0 |
| 6323030 | NOC3 | 1 | 1 | 2.41 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320143 | TSR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321318 | PRP43 | 2 | 3 | 3.26 | 2 | 3 | 6.65 | 4 | 5 | 0 | 0 | 0 | 0 | 0 |
| 6319618 | MAK5 | 1 | 1 | 1.42 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364755 | URB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320780 | POL5 | 1 | 1 | 1.47 | 1 | 1 | 0.68 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6325021 | RVB2 | 14 | 43 | 38.85 | 14 | 43 | 14.01 | 5 | 8 | 5.10 | 2 | 30 | 6.37 | 2 |
| 6322350 | CCT7 | 15 | 35 | 34.91 | 15 | 35 | 16.00 | 7 | 10 | 6.91 | 3 | 23 | 2.36 | 1 |
| 14270688 | UTP20 | 1 | 1 | 0.64 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324197 | KRE33 | 3 | 5 | 3.31 | 3 | 5 | 0 | 0 | 0 | 1.14 | 1 | 1 | 0 | 0 |
| 6321816 | RPN1 | 14 | 22 | 17.22 | 14 | 22 | 4.53 | 3 | 5 | 3.73 | 3 | 86 | 0 | 0 |
| 6322901 | NAP1 | 10 | 25 | 36.93 | 10 | 25 | 31.89 | 8 | 15 | 0 | 0 | 0 | 8.15 | 2 |
| 6320030 | GLT1 | 27 | 48 | 17.06 | 27 | 48 | 11.79 | 17 | 43 | 3.36 | 6 | 56 | 1.72 | 2 |
| 6323470 | CAR2 | 2 | 2 | 6.84 | 2 | 2 | 7.31 | 2 | 3 | 0 | 0 | 0 | 4.95 | 1 |
| 6320956 | KAP123 | 15 | 48 | 17.43 | 15 | 48 | 9.16 | 9 | 25 | 4.67 | 5 | 41 | 1.80 | 1 |
| 398365941 | SEC7 | 1 | 1 | 0.45 | 1 | 1 | 0.60 | 1 | 1 | 1.59 | 3 | 8 | 0 | 0 |
| 6323324 | GSP1 | 5 | 10 | 24.20 | 5 | 10 | 15.53 | 3 | 8 | 5.02 | 1 | 35 | 0 | 0 |
| 6322697 | GPM1 | 6 | 45 | 32.39 | 6 | 45 | 42.11 | 8 | 39 | 8.10 | 2 | 68 | 37.65 | 7 |
| 6325013 | SRP68 | 2 | 4 | 4.51 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322103 | AVT7 | 1 | 2 | 1.63 | 1 | 2 | 0 | 0 | 0 | 1.63 | 1 | 27 | 0 | 0 |
| 6322049 | CCT2 | 16 | 90 | 41.56 | 16 | 90 | 43.83 | 17 | 86 | 0 | 0 | 0 | 10.25 | 3 |
| 330443694 | SLA2 | 10 | 14 | 15.19 | 10 | 14 | 3.00 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 6321804 | YSC84 | 2 | 3 | 3.85 | 2 | 3 | 1.71 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398366021 | CCT6 | 9 | 16 | 21.79 | 9 | 16 | 21.98 | 9 | 36 | 5.31 | 3 | 62 | 2.75 | 1 |
| 6324042 | SEC21 | 8 | 14 | 10.05 | 8 | 14 | 8.66 | 5 | 6 | 0.96 | 1 | 8 | 0 | 0 |
| 398364741 | SCS2 | 3 | 6 | 17.21 | 3 | 6 | 13.93 | 2 | 2 | 9.84 | 2 | 14 | 0 | 0 |
| 6325253 | LSP1 | 11 | 77 | 38.71 | 11 | 77 | 38.42 | 10 | 70 | 10.26 | 4 | 33 | 22.29 | 5 |
| 6321390 | RPT6 | 6 | 10 | 17.04 | 6 | 10 | 10.37 | 3 | 5 | 2.22 | 1 | 9 | 2.96 | 1 |
| 398364807 | PNC1 | 3 | 8 | 17.59 | 3 | 8 | 0 | 0 | 0 | 4.17 | 1 | 3 | 0 | 0 |
| 6325164 | NOG1 | 6 | 10 | 8.81 | 6 | 10 | 12.06 | 7 | 10 | 1.39 | 1 | 2 | 0 | 0 |
| 6319814 | GRX1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322823 | MAE1 | 9 | 26 | 18.09 | 9 | 26 | 10.31 | 4 | 6 | 13.45 | 8 | 83 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|--------------------|--------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1_ _WT_1 | TAP_Rtr1_ _WT_1 |
| 6320255 | TPI1 | 3 | 4 | 14.52 | 3 | 4 | 23.79 | 4 | 8 | 3.63 | 1 | 1 | 8.06 | 1 |
| 6320983 | GDI1 | 4 | 6 | 8.65 | 4 | 6 | 3.10 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398365205 | RPT5 | 12 | 44 | 36.87 | 12 | 44 | 30.41 | 10 | 23 | 8.99 | 4 | 34 | 0 | 0 |
| 6324992 | KEL3 | 1 | 1 | 1.54 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323028 | DNM1 | 2 | 3 | 3.43 | 2 | 3 | 1.85 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398365977 | RPT4 | 4 | 8 | 10.07 | 4 | 8 | 2.75 | 1 | 1 | 0 | 0 | 0 | 2.75 | 1 |
| 6320058 | CCT4 | 7 | 24 | 17.05 | 7 | 24 | 17.61 | 7 | 13 | 8.14 | 3 | 36 | 3.03 | 1 |
| 6320379 | HMO1 | 3 | 4 | 13.41 | 3 | 4 | 16.67 | 3 | 11 | 0 | 0 | 0 | 0 | 0 |
| 6322508 | CYC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.34 | 1 | 1 | 0 | 0 |
| 6325137 | VPS30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321301 | SEC27 | 9 | 18 | 13.39 | 9 | 18 | 24.30 | 17 | 37 | 7.99 | 7 | 25 | 0 | 0 |
| 6321673 | YHB1 | 2 | 5 | 7.27 | 2 | 5 | 11.78 | 3 | 18 | 0 | 0 | 0 | 0 | 0 |
| 27469359 | SYN8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324433 | CDC33 | 4 | 13 | 18.78 | 4 | 13 | 21.13 | 5 | 11 | 21.60 | 5 | 16 | 0 | 0 |
| 6323571 | POB3 | 4 | 4 | 9.60 | 4 | 4 | 6.52 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 398365157 | NOP2 | 4 | 5 | 8.09 | 4 | 5 | 16.18 | 7 | 8 | 0 | 0 | 0 | 0 | 0 |
| 6321228 | YPT32 | 7 | 40 | 35.14 | 7 | 40 | 36.49 | 8 | 74 | 4.95 | 1 | 17 | 0 | 0 |
| 398366559 | RPT3 | 6 | 16 | 18.69 | 6 | 16 | 6.78 | 2 | 2 | 0 | 0 | 0 | 2.80 | 1 |
| 6322704 | RPT1 | 9 | 17 | 20.99 | 9 | 17 | 12.63 | 5 | 10 | 14.56 | 6 | 61 | 2.57 | 1 |
| 398366379 | PRT1 | 19 | 42 | 27.65 | 19 | 42 | 17.69 | 10 | 15 | 4.85 | 4 | 7 | 1.70 | 1 |
| 398365125 | PDA1 | 8 | 12 | 20.95 | 8 | 12 | 19.29 | 7 | 21 | 7.86 | 3 | 7 | 7.14 | 2 |
| 398364913 | GND1 | 6 | 11 | 17.18 | 6 | 11 | 5.52 | 2 | 6 | 0 | 0 | 0 | 9.20 | 4 |
| 6322637 | SAC1 | 3 | 6 | 6.74 | 3 | 6 | 4.82 | 2 | 2 | 1.61 | 1 | 8 | 0 | 0 |
| 398365933 | CYS4 | 20 | 194 | 52.47 | 20 | 194 | 66.47 | 30 | 154 | 9.86 | 5 | 77 | 24.85 | 8 |
| 6323903 | FAA4 | 6 | 11 | 11.10 | 6 | 11 | 7.06 | 4 | 5 | 4.18 | 3 | 47 | 0 | 0 |
| 6319806 | PDI1 | 14 | 70 | 34.87 | 14 | 70 | 37.74 | 15 | 73 | 7.85 | 3 | 10 | 7.66 | 2 |
| 6323512 | PHO84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325367 | RPC40 | 5 | 5 | 19.10 | 5 | 5 | 13.43 | 4 | 7 | 0 | 0 | 0 | 0 | 0 |
| 6319835 | GBP2 | 2 | 2 | 5.85 | 2 | 2 | 4.22 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6319290 | MYO4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318531 | GCN20 | 4 | 9 | 6.38 | 4 | 9 | 2.79 | 2 | 2 | 7.98 | 6 | 19 | 0 | 0 |
| 6320869 | YPT31 | 9 | 46 | 49.33 | 9 | 46 | 68.16 | 11 | 96 | 4.93 | 1 | 17 | 0 | 0 |
| 398365617 | UTP22 | 2 | 2 | 1.62 | 2 | 2 | 1.13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398366209 | RTN1 | 3 | 5 | 13.22 | 3 | 5 | 14.24 | 4 | 13 | 14.24 | 4 | 87 | 9.83 | 2 |
| 6325097 | CDC60 | 15 | 30 | 17.61 | 15 | 30 | 22.20 | 18 | 38 | 0 | 0 | 0 | 0 | 0 |
| 6323294 | RPS28B | 2 | 22 | 31.34 | 2 | 22 | 37.31 | 3 | 30 | 0 | 0 | 0 | 13.43 | 1 |
| 6325151 | SSE1 | 25 | 178 | 41.56 | 25 | 178 | 48.92 | 29 | 256 | 8.37 | 6 | 92 | 11.69 | 6 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 398365213 | ARL1 | 2 | 3 | 13.66 | 2 | 3 | 0 | 0 | 0 | 7.65 | 1 | 1 | 0 | 0 |
| 6319587 | YSA1 | 2 | 2 | 11.69 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318480 | YPT1 | 8 | 54 | 49.51 | 8 | 54 | 53.40 | 11 | 81 | 6.80 | 1 | 4 | 0 | 0 |
| 398366227 | SEC26 | 12 | 16 | 14.18 | 12 | 16 | 5.76 | 5 | 7 | 3.80 | 3 | 11 | 0 | 0 |
| 6322381 | SCP160 | 40 | 155 | 39.12 | 40 | 155 | 30.69 | 32 | 78 | 7.20 | 10 | 107 | 4.99 | 4 |
| 6325131 | NAN1 | 3 | 5 | 3.79 | 3 | 5 | 7.48 | 5 | 6 | 2.46 | 2 | 13 | 0 | 0 |
| 6320226 | SES1 | 9 | 13 | 20.56 | 9 | 13 | 21.00 | 7 | 14 | 3.03 | 1 | 1 | 3.25 | 1 |
| 6322853 | VPS1 | 12 | 21 | 23.44 | 12 | 21 | 8.10 | 5 | 7 | 7.95 | 5 | 70 | 1.70 | 1 |
| 6321184 | HXK2 | 10 | 18 | 25.31 | 10 | 18 | 29.42 | 11 | 26 | 6.17 | 3 | 8 | 4.32 | 1 |
| 6323259 | CDC42 | 3 | 8 | 19.90 | 3 | 8 | 5.24 | 1 | 5 | 5.76 | 1 | 2 | 0 | 0 |
| 398366139 | GCD6 | 5 | 5 | 8.57 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325267 | RPA135 | 7 | 8 | 8.40 | 7 | 8 | 7.73 | 6 | 7 | 1.41 | 2 | 2 | 1.50 | 1 |
| 6323722 | PDS5 | 2 | 2 | 2.58 | 2 | 2 | 0 | 0 | 0 | 1.49 | 2 | 2 | 0 | 0 |
| 6319809 | GLK1 | 3 | 5 | 6.60 | 3 | 5 | 7.80 | 3 | 6 | 0 | 0 | 0 | 0 | 0 |
| 6321857 | SSF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324720 | PNO1 | 5 | 11 | 22.63 | 5 | 11 | 13.87 | 3 | 7 | 20.44 | 6 | 16 | 0 | 0 |
| 398364619 | UGP1 | 7 | 11 | 18.24 | 7 | 11 | 7.01 | 3 | 3 | 0 | 0 | 0 | 3.21 | 1 |
| 6319582 | PHO88 | 4 | 7 | 26.06 | 4 | 7 | 22.34 | 3 | 7 | 11.17 | 2 | 2 | 0 | 0 |
| 6325103 | PEP4 | 7 | 31 | 24.44 | 7 | 31 | 10.86 | 3 | 4 | 4.20 | 1 | 1 | 20.49 | 6 |
| 6319499 | OLA1 | 15 | 43 | 39.85 | 15 | 43 | 34.01 | 11 | 27 | 13.96 | 6 | 143 | 7.87 | 2 |
| 6322254 | LAA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322385 | NET1 | 2 | 3 | 2.10 | 2 | 3 | 1.26 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 82795243 | NHP2 | 0 | 0 | 0 | 0 | 0 | 9.62 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6325039 | BMS1 | 0 | 0 | 0 | 0 | 0 | 1.10 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398365715 | ENP1 | 0 | 0 | 0 | 0 | 0 | 3.52 | 1 | 1 | 6.63 | 2 | 2 | 0 | 0 |
| 398366507 | SVF1 | 6 | 19 | 17.46 | 6 | 19 | 28.69 | 10 | 127 | 0 | 0 | 0 | 0 | 0 |
| 6322866 | YPT52 | 7 | 28 | 42.74 | 7 | 28 | 60.68 | 10 | 37 | 3.85 | 1 | 1 | 0 | 0 |
| 6320197 | RPT2 | 8 | 19 | 24.94 | 8 | 19 | 5.49 | 2 | 2 | 1.83 | 1 | 9 | 0 | 0 |
| 398364435 | GVP36 | 11 | 56 | 38.65 | 11 | 56 | 49.39 | 12 | 45 | 10.12 | 3 | 25 | 0 | 0 |
| 6324273 | POR1 | 8 | 13 | 36.04 | 8 | 13 | 12.72 | 3 | 5 | 9.54 | 2 | 33 | 0 | 0 |
| 83578109 | JIP5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 154199622 | HRB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383791 | RIM1 | 3 | 4 | 28.89 | 3 | 4 | 17.04 | 2 | 4 | 0 | 0 | 0 | 0 | 0 |
| 6325345 | SRP54 | 3 | 6 | 6.47 | 3 | 6 | 4.07 | 2 | 3 | 3.33 | 1 | 5 | 0 | 0 |
| 398366281 | SDA1 | 1 | 1 | 1.83 | 1 | 1 | 0.91 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398366061 | IKI3 | 5 | 5 | 4.08 | 5 | 5 | 5.34 | 6 | 9 | 0.74 | 1 | 1 | 0 | 0 |
| 6321940 | CRP1 | 2 | 2 | 5.38 | 2 | 2 | 3.23 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 398366337 | APL6 | 1 | 1 | 0.99 | 1 | 1 | 2.22 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6320242 | KRS1 | 10 | 43 | 18.78 | 10 | 43 | 28.26 | 14 | 50 | 5.25 | 3 | 5 | 0 | 0 |
| 6324705 | YOR131C | 2 | 2 | 9.17 | 2 | 2 | 0 | 0 | 0 | 5.50 | 1 | 1 | 0 | 0 |
| 6319760 | SSH1 | 2 | 3 | 4.69 | 2 | 3 | 2.86 | 1 | 2 | 1.84 | 1 | 4 | 0 | 0 |
| 6323335 | ACO1 | 3 | 4 | 5.66 | 3 | 4 | 2.83 | 2 | 3 | 1.67 | 1 | 1 | 1.67 | 1 |
| 330443748 | GLN1 | 6 | 14 | 17.84 | 6 | 14 | 17.30 | 5 | 15 | 15.14 | 6 | 40 | 0 | 0 |
| 6319464 | SLA1 | 2 | 2 | 1.53 | 2 | 2 | 1.05 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 14627173 | BBC1 | 1 | 2 | 0.95 | 1 | 2 | 0 | 0 | 0 | 0.95 | 1 | 4 | 0 | 0 |
| 398364931 | URB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325423 | RHO1 | 5 | 8 | 42.58 | 5 | 8 | 35.41 | 5 | 9 | 0 | 0 | 0 | 0 | 0 |
| 6321837 | AAP1 | 1 | 1 | 1.05 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319281 | RBG1 | 2 | 2 | 7.86 | 2 | 2 | 10.30 | 2 | 2 | 4.61 | 2 | 2 | 0 | 0 |
| 6323379 | KAP95 | 2 | 3 | 3.14 | 2 | 3 | 3.37 | 2 | 3 | 0 | 0 | 0 | 0 | 0 |
| 398366047 | RNR4 | 10 | 47 | 37.10 | 10 | 47 | 33.33 | 9 | 52 | 4.06 | 1 | 6 | 13.62 | 3 |
| 6322446 | CCT3 | 12 | 31 | 28.84 | 12 | 31 | 18.73 | 8 | 25 | 14.04 | 7 | 24 | 0 | 0 |
| 398365063 | LAT1 | 5 | 13 | 15.15 | 5 | 13 | 12.45 | 5 | 6 | 0 | 0 | 0 | 14.32 | 5 |
| 6322427 | HCA4 | 0 | 0 | 0 | 0 | 0 | 1.82 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6322073 | RHO3 | 4 | 7 | 19.91 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324630 | NOB1 | 2 | 2 | 4.36 | 2 | 2 | 0 | 0 | 0 | 1.96 | 1 | 2 | 0 | 0 |
| 398364409 | RET2 | 0 | 0 | 0 | 0 | 0 | 2.38 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6319796 | SPB1 | 3 | 5 | 4.88 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323968 | PSE1 | 1 | 1 | 1.01 | 1 | 1 | 1.56 | 1 | 5 | 3.67 | 2 | 10 | 0 | 0 |
| 6322934 | RPF2 | 1 | 3 | 2.62 | 1 | 3 | 6.10 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 398365233 | RPS21A | 0 | 0 | 26.44 | 2 | 4 | 36.78 | 3 | 18 | 14.94 | 1 | 3 | 0 | 0 |
| 6322325 | RPS21B | 3 | 6 | 44.83 | 3 | 6 | 55.17 | 4 | 20 | 14.94 | 1 | 3 | 0 | 0 |
| 398366473 | SSF2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86559466 | CTT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325449 | QCR2 | 6 | 8 | 19.02 | 6 | 8 | 7.34 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 6323537 | TSL1 | 5 | 5 | 5.56 | 5 | 5 | 1.18 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6320914 | RNR1 | 13 | 33 | 17.34 | 13 | 33 | 18.92 | 12 | 30 | 4.95 | 5 | 37 | 2.03 | 1 |
| 6323182 | ACS2 | 13 | 27 | 24.60 | 13 | 27 | 22.99 | 14 | 32 | 6.44 | 5 | 107 | 0 | 0 |
| 6319432 | URA7 | 15 | 44 | 27.81 | 15 | 44 | 18.31 | 8 | 15 | 15.89 | 10 | 179 | 0 | 0 |
| 6323135 | MDN1 | 1 | 2 | 0.22 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365477 | ATP2 | 14 | 101 | 38.16 | 14 | 101 | 30.92 | 11 | 48 | 5.87 | 3 | 11 | 18.59 | 7 |
| 6322988 | VPS13 | 8 | 8 | 2.96 | 8 | 8 | 0.54 | 1 | 1 | 1.62 | 3 | 7 | 0 | 0 |
| 6322794 | TMA19 | 5 | 12 | 29.94 | 5 | 12 | 34.13 | 6 | 20 | 0 | 0 | 0 | 17.96 | 2 |
| 6323037 | RLP24 | 1 | 1 | 6.53 | 1 | 1 | 11.56 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|--------------------|--------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1_ _WT_1 | TAP_Rtr1_ _WT_1 |
| 398364441 | NOT3 | 8 | 12 | 13.16 | 8 | 12 | 7.54 | 4 | 5 | 0 | 0 | 0 | 0 | 0 |
| 398366191 | RPN13 | 1 | 1 | 8.33 | 1 | 1 | 22.44 | 3 | 6 | 0 | 0 | 0 | 0 | 0 |
| 6321453 | YGR016W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320930 | ILV1 | 14 | 90 | 33.85 | 14 | 90 | 31.60 | 12 | 43 | 7.99 | 5 | 33 | 3.65 | 1 |
| 6323016 | PUF3 | 1 | 1 | 1.14 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362700 | SRP72 | 0 | 0 | 0 | 0 | 0 | 5.47 | 2 | 3 | 0 | 0 | 0 | 0 | 0 |
| 6321326 | TAF6 | 3 | 5 | 8.91 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322565 | ADO1 | 0 | 0 | 0 | 0 | 0 | 10.59 | 2 | 2 | 3.53 | 1 | 3 | 0 | 0 |
| 6319722 | ISW1 | 4 | 6 | 4.34 | 4 | 6 | 0 | 0 | 0 | 1.95 | 1 | 3 | 0 | 0 |
| 330443605 | SET2 | 2 | 2 | 3.68 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365101 | ARP3 | 3 | 3 | 6.68 | 3 | 3 | 4.90 | 2 | 6 | 5.12 | 2 | 3 | 0 | 0 |
| 6321780 | STE20 | 0 | 0 | 0 | 0 | 0 | 1.28 | 1 | 2 | 1.92 | 1 | 1 | 0 | 0 |
| 6321776 | PRS3 | 6 | 8 | 22.19 | 6 | 8 | 24.69 | 7 | 9 | 9.06 | 3 | 64 | 0 | 0 |
| 6323214 | RPL37A | 0 | 0 | 0 | 0 | 0 | 13.64 | 1 | 1 | 39.77 | 5 | 36 | 13.64 | 1 |
| 6321757 | ECM29 | 0 | 0 | 0 | 0 | 0 | 1.12 | 1 | 3 | 1.12 | 2 | 3 | 0 | 0 |
| 398365069 | ADH5 | 2 | 10 | 5.70 | 2 | 10 | 2.28 | 1 | 23 | 3.42 | 1 | 1 | 2.28 | 1 |
| 398365695 | CPR8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319854 | RVS161 | 4 | 12 | 19.62 | 4 | 12 | 2.64 | 1 | 1 | 6.42 | 2 | 6 | 0 | 0 |
| 6324620 | DBP5 | 6 | 10 | 17.43 | 6 | 10 | 5.81 | 2 | 4 | 6.22 | 3 | 8 | 0 | 0 |
| 6321399 | YGL039W | 2 | 3 | 9.20 | 2 | 3 | 4.60 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398365061 | SUP45 | 14 | 34 | 40.27 | 14 | 34 | 16.48 | 6 | 9 | 3.66 | 1 | 1 | 4.35 | 1 |
| 6324673 | KTR1 | 6 | 10 | 16.54 | 6 | 10 | 3.31 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323387 | ILV5 | 9 | 15 | 28.10 | 9 | 15 | 29.87 | 9 | 15 | 0 | 0 | 0 | 0 | 0 |
| 6323795 | TIF34 | 10 | 16 | 38.62 | 10 | 16 | 27.09 | 7 | 12 | 10.09 | 3 | 9 | 0 | 0 |
| 6322667 | PRS1 | 5 | 15 | 16.39 | 5 | 15 | 18.03 | 6 | 15 | 3.28 | 1 | 14 | 7.73 | 2 |
| 6320910 | RGI1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365575 | HOM6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323916 | TIF11 | 2 | 2 | 15.03 | 2 | 2 | 26.80 | 3 | 3 | 0 | 0 | 0 | 0 | 0 |
| 6321612 | RBG2 | 4 | 8 | 14.95 | 4 | 8 | 2.99 | 1 | 3 | 8.15 | 3 | 5 | 8.97 | 2 |
| 6323225 | PWP1 | 6 | 7 | 13.89 | 6 | 7 | 7.12 | 4 | 6 | 1.56 | 1 | 1 | 0 | 0 |
| 6324737 | SSP1 | 0 | 0 | 0 | 0 | 0 | 6.38 | 1 | 1 | 6.38 | 1 | 4 | 0 | 0 |
| 6323450 | CDC73 | 2 | 2 | 5.60 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365461 | SRP40 | 1 | 1 | 2.96 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320708 | RPL37B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26.14 | 4 | 15 | 0 | 0 |
| 398364957 | MKT1 | 2 | 2 | 4.10 | 2 | 2 | 1.33 | 1 | 1 | 1.20 | 1 | 1 | 0 | 0 |
| 6320079 | YDL124W | 1 | 1 | 4.49 | 1 | 1 | 8.33 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 398364371 | RSC8 | 2 | 2 | 5.21 | 2 | 2 | 4.31 | 2 | 2 | 5.21 | 2 | 2 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 6325418 | GPH1 | 8 | 8 | 11.97 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321859 | DYS1 | 3 | 4 | 8.01 | 3 | 4 | 17.31 | 5 | 15 | 0 | 0 | 0 | 3.10 | 1 |
| 6323967 | GAS1 | 8 | 20 | 17.53 | 8 | 20 | 7.87 | 4 | 9 | 4.11 | 3 | 10 | 2.68 | 1 |
| 6319695 | PYC2 | 11 | 19 | 10.68 | 11 | 19 | 6.44 | 6 | 9 | 6.53 | 8 | 30 | 6.10 | 5 |
| 6323642 | YPT7 | 9 | 82 | 60.10 | 9 | 82 | 65.38 | 10 | 106 | 5.29 | 1 | 17 | 0 | 0 |
| 6320552 | HXT3 | 1 | 1 | 2.12 | 1 | 1 | 3.70 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6325196 | ALD6 | 3 | 4 | 6.60 | 3 | 4 | 13.20 | 5 | 6 | 2.20 | 1 | 13 | 0 | 0 |
| 6319315 | EFB1 | 4 | 32 | 23.30 | 4 | 32 | 21.84 | 4 | 28 | 0 | 0 | 0 | 0 | 0 |
| 10383811 | CDC39 | 2 | 2 | 1.42 | 2 | 2 | 0.71 | 1 | 1 | 0.52 | 1 | 3 | 0 | 0 |
| 6321753 | SBP1 | 5 | 18 | 23.47 | 5 | 18 | 27.55 | 5 | 24 | 0 | 0 | 0 | 4.42 | 1 |
| 6320764 | DLD3 | 1 | 1 | 2.22 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366413 | ERV29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320969 | GLO3 | 1 | 3 | 1.42 | 1 | 3 | 0 | 0 | 0 | 1.42 | 1 | 59 | 0 | 0 |
| 6319602 | TPS1 | 6 | 15 | 15.76 | 6 | 15 | 10.71 | 4 | 9 | 0 | 0 | 0 | 2.22 | 1 |
| 6579193 | NMD2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321990 | UTP9 | 3 | 4 | 7.30 | 3 | 4 | 6.09 | 3 | 4 | 0 | 0 | 0 | 0 | 0 |
| 398366561 | SXM1 | 0 | 0 | 0 | 0 | 0 | 1.06 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6320157 | NPC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364687 | NOP9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22532997 | BUD27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366449 | BFR2 | 3 | 4 | 5.62 | 3 | 4 | 8.99 | 4 | 6 | 0 | 0 | 0 | 0 | 0 |
| 398365717 | TRM1 | 3 | 4 | 5.44 | 3 | 4 | 9.82 | 4 | 9 | 0 | 0 | 0 | 4.21 | 2 |
| 6323362 | CHS5 | 0 | 0 | 0 | 0 | 0 | 2.24 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 398364573 | PAN1 | 6 | 8 | 5.20 | 6 | 8 | 10.00 | 11 | 27 | 0 | 0 | 0 | 3.78 | 3 |
| 6320720 | GRX2 | 1 | 1 | 6.99 | 1 | 1 | 6.99 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 6321595 | PTI1 | 0 | 0 | 0 | 0 | 0 | 6.12 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398364853 | OCA1 | 1 | 1 | 5.46 | 1 | 1 | 0 | 0 | 0 | 4.20 | 1 | 1 | 0 | 0 |
| 6323852 | YMR196 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33438816 | YILO02W- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366575 | RRP17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323359 | TMA10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365853 | WTM1 | 4 | 5 | 12.59 | 4 | 5 | 8.01 | 3 | 4 | 4.58 | 2 | 10 | 0 | 0 |
| 6320181 | GPD1 | 9 | 61 | 31.20 | 9 | 61 | 14.83 | 5 | 7 | 4.09 | 2 | 12 | 0 | 0 |
| 6323518 | NAB6 | 3 | 3 | 3.35 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321221 | KIP3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365131 | RFC2 | 0 | 0 | 0 | 0 | 0 | 4.82 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 6322294 | ERG20 | 4 | 4 | 12.22 | 4 | 4 | 2.84 | 1 | 1 | 2.84 | 1 | 1 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 6321024 | ECM32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362660 | FUR1 | 5 | 17 | 22.69 | 5 | 17 | 34.72 | 8 | 25 | 4.63 | 1 | 1 | 0 | 0 |
| 398364665 | SEC18 | 11 | 19 | 18.73 | 11 | 19 | 4.75 | 3 | 5 | 2.51 | 2 | 3 | 1.58 | 1 |
| 6323391 | ADE13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323699 | STV1 | 3 | 4 | 3.37 | 3 | 4 | 1.24 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6321412 | TRP5 | 17 | 186 | 35.50 | 17 | 186 | 28.85 | 15 | 83 | 0 | 0 | 0 | 8.77 | 4 |
| 6321973 | OYE2 | 0 | 0 | 0 | 0 | 0 | 4.75 | 1 | 1 | 2.25 | 1 | 2 | 0 | 0 |
| 6321801 | ARD1 | 0 | 0 | 0 | 0 | 0 | 4.62 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 10383761 | HIS4 | 5 | 8 | 8.14 | 5 | 8 | 2.13 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 398365759 | SAC6 | 9 | 18 | 18.85 | 9 | 18 | 11.37 | 5 | 11 | 1.56 | 1 | 1 | 0 | 0 |
| 6321721 | BGL2 | 2 | 3 | 7.99 | 2 | 3 | 7.03 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 398364979 | CCZ1 | 1 | 1 | 1.42 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42742256 | VTC4 | 2 | 2 | 2.36 | 2 | 2 | 2.50 | 2 | 2 | 4.85 | 3 | 8 | 0 | 0 |
| 6321814 | THR1 | 2 | 2 | 5.32 | 2 | 2 | 0 | 0 | 0 | 3.08 | 1 | 1 | 0 | 0 |
| 10383798 | PHO87 | 0 | 0 | 0.76 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319847 | CDC10 | 3 | 5 | 15.53 | 3 | 5 | 2.48 | 1 | 1 | 9.32 | 3 | 6 | 0 | 0 |
| 398365363 | URA8 | 6 | 11 | 11.94 | 6 | 11 | 2.42 | 1 | 1 | 6.23 | 4 | 7 | 0 | 0 |
| 6323138 | AHP1 | 3 | 8 | 29.55 | 3 | 8 | 14.77 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 6320657 | UTP6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321919 | YHR127W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41629688 | PSP2 | 1 | 2 | 1.69 | 1 | 2 | 1.69 | 1 | 1 | 2.87 | 2 | 6 | 0 | 0 |
| 398364633 | APS3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322843 | MRT4 | 3 | 6 | 16.10 | 3 | 6 | 21.19 | 4 | 4 | 4.24 | 1 | 1 | 0 | 0 |
| 330443486 | PAT1 | 2 | 2 | 2.01 | 2 | 2 | 0 | 0 | 0 | 4.15 | 3 | 5 | 2.76 | 1 |
| 37362659 | RRP3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.59 | 1 | 11 | 0 | 0 |
| 6320845 | SEC3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324791 | RFC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325369 | MRD1 | 1 | 1 | 1.58 | 1 | 1 | 0 | 0 | 0 | 1.58 | 1 | 1 | 0 | 0 |
| 6322635 | YRA2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320368 | SEC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364935 | UBP3 | 4 | 6 | 5.04 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320789 | GLY1 | 5 | 10 | 17.57 | 5 | 10 | 31.27 | 9 | 26 | 0 | 0 | 0 | 0 | 0 |
| 6325172 | SEC16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364311 | TMA20 | 2 | 4 | 12.71 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320926 | UTP7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443568 | ENP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324328 | CIT1 | 1 | 1 | 2.09 | 1 | 1 | 0 | 0 | 0 | 2.09 | 1 | 1 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 6324550 | IFM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324950 | ALD4 | 5 | 5 | 12.33 | 5 | 5 | 6.94 | 2 | 2 | 2.12 | 1 | 4 | 3.47 | 1 |
| 6324635 | CKA2 | 0 | 0 | 0 | 0 | 0 | 6.78 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 6319849 | YCP4 | 4 | 16 | 20.65 | 4 | 16 | 21.46 | 4 | 9 | 0 | 0 | 0 | 0 | 0 |
| 6325202 | LGE1 | 1 | 1 | 4.52 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366027 | SUR4 | 0 | 0 | 0 | 0 | 0 | 4.93 | 1 | 2 | 5.22 | 1 | 2 | 0 | 0 |
| 6321641 | PCT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325280 | EAF3 | 1 | 1 | 2.00 | 1 | 1 | 0 | 0 | 0 | 3.24 | 1 | 1 | 0 | 0 |
| 6320803 | MCM3 | 3 | 5 | 4.02 | 3 | 5 | 0 | 0 | 0 | 4.33 | 4 | 10 | 0 | 0 |
| 6323872 | SKY1 | 1 | 1 | 1.48 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325140 | IDI1 | 2 | 6 | 9.03 | 2 | 6 | 9.38 | 2 | 5 | 4.86 | 1 | 6 | 0 | 0 |
| 6320049 | SAS10 | 3 | 3 | 6.56 | 3 | 3 | 4.10 | 2 | 3 | 1.31 | 1 | 1 | 0 | 0 |
| 6324989 | DIM1 | 3 | 4 | 11.01 | 3 | 4 | 3.14 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398366039 | PBP1 | 1 | 2 | 2.22 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 9.70 | 4 |
| 6323088 | REX2 | 1 | 1 | 4.46 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324899 | PRO2 | 1 | 1 | 2.41 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365467 | YNL010W | 2 | 7 | 7.47 | 2 | 7 | 9.13 | 1 | 1 | 3.73 | 1 | 1 | 0 | 0 |
| 41629671 | SEA4 | 3 | 3 | 2.99 | 3 | 3 | 0 | 0 | 0 | 2.41 | 2 | 3 | 0 | 0 |
| 6320704 | PUF6 | 1 | 1 | 1.83 | 1 | 1 | 5.18 | 3 | 3 | 0 | 0 | 0 | 0 | 0 |
| 6323650 | PLB1 | 1 | 1 | 1.66 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323158 | DIP2 | 1 | 1 | 1.48 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322727 | SRP21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318504 | MDJ1 | 0 | 0 | 0 | 0 | 0 | 3.33 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6322878 | GCN3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.61 | 1 | 7 | 0 | 0 |
| 330443380 | PSK1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364789 | UFD4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319903 | PWP2 | 2 | 3 | 2.17 | 2 | 3 | 1.08 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6324613 | CKB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324568 | TOP1 | 0 | 0 | 0 | 0 | 0 | 1.17 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398365393 | MDM32 | 0 | 0 | 0 | 0 | 0 | 1.61 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6322731 | VPH2 | 0 | 0 | 0 | 0 | 0 | 4.19 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323653 | HXT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320236 | MRH1 | 1 | 1 | 5.00 | 1 | 1 | 5.00 | 1 | 6 | 3.75 | 2 | 8 | 0 | 0 |
| 398364559 | NSP1 | 2 | 4 | 3.40 | 2 | 4 | 23.33 | 13 | 23 | 0 | 0 | 0 | 2.07 | 1 |
| 6321498 | ADE6 | 4 | 5 | 3.90 | 4 | 5 | 0 | 0 | 0 | 2.80 | 3 | 14 | 0 | 0 |
| 6319326 | ADE1 | 1 | 4 | 3.92 | 1 | 4 | 7.84 | 2 | 3 | 3.27 | 1 | 3 | 0 | 0 |
| 6321812 | MYO1 | 1 | 1 | 0.47 | 1 | 1 | 0.78 | 1 | 1 | 0 | 0 | 0 | 5.39 | 7 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|--------------------|--------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1_ _WT_1 | TAP_Rtr1_ _WT_1 |
| 6324734 | MTR10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320284 | PET100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323411 | SEC61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320883 | ERG28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.43 | 1 | 10 | 0 | 0 |
| 6324593 | YOR019W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.23 | 1 | 2 | 0 | 0 |
| 6320432 | ADK1 | 5 | 7 | 22.97 | 5 | 7 | 31.08 | 6 | 11 | 4.05 | 1 | 1 | 0 | 0 |
| 6322919 | CCP1 | 1 | 1 | 3.60 | 1 | 1 | 11.63 | 3 | 7 | 0 | 0 | 0 | 0 | 0 |
| 6320204 | NTH1 | 5 | 9 | 6.66 | 5 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 3.33 | 2 |
| 6320279 | TPS2 | 9 | 11 | 12.61 | 9 | 11 | 1.23 | 1 | 1 | 0 | 0 | 0 | 7.37 | 5 |
| 6323681 | CCS1 | 3 | 4 | 13.25 | 3 | 4 | 10.04 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 398366097 | ADH6 | 1 | 1 | 3.06 | 1 | 1 | 16.39 | 4 | 5 | 0 | 0 | 0 | 0 | 0 |
| 6324381 | NOG2 | 4 | 4 | 9.67 | 4 | 4 | 2.88 | 1 | 3 | 1.85 | 1 | 3 | 0 | 0 |
| 6323974 | PRE5 | 2 | 3 | 9.40 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320090 | ATG20 | 1 | 1 | 2.34 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362683 | SCJ1 | 2 | 2 | 8.22 | 2 | 2 | 8.22 | 2 | 4 | 0 | 0 | 0 | 0 | 0 |
| 6323676 | ARP9 | 1 | 2 | 2.57 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364547 | SER3 | 5 | 7 | 14.29 | 5 | 7 | 19.19 | 7 | 13 | 6.40 | 3 | 6 | 0 | 0 |
| 6319439 | HEK2 | 1 | 1 | 3.94 | 1 | 1 | 2.10 | 1 | 1 | 14.96 | 4 | 81 | 0 | 0 |
| 6321964 | NMD3 | 6 | 8 | 12.55 | 6 | 8 | 13.13 | 6 | 12 | 5.41 | 2 | 4 | 0 | 0 |
| 6321984 | ERG9 | 2 | 4 | 4.50 | 2 | 4 | 0 | 0 | 0 | 2.25 | 1 | 1 | 0 | 0 |
| 6323768 | ADE17 | 15 | 27 | 37.67 | 15 | 27 | 4.22 | 2 | 3 | 0 | 0 | 0 | 0 | 0 |
| 398365401 | CPA2 | 6 | 11 | 7.96 | 6 | 11 | 12.34 | 10 | 22 | 0 | 0 | 0 | 0 | 0 |
| 42742253 | ATG27 | 4 | 6 | 17.34 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324191 | SRV2 | 7 | 28 | 15.78 | 7 | 28 | 6.65 | 3 | 5 | 5.70 | 1 | 1 | 6.27 | 2 |
| 6322476 | ILV3 | 10 | 25 | 22.74 | 10 | 25 | 20.85 | 8 | 20 | 3.08 | 2 | 8 | 0 | 0 |
| 6321900 | GGA2 | 2 | 4 | 4.79 | 2 | 4 | 9.91 | 4 | 6 | 1.37 | 1 | 3 | 2.91 | 1 |
| 330443535 | STE2 | 1 | 2 | 3.25 | 1 | 2 | 2.32 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6324343 | ACC1 | 28 | 64 | 15.18 | 28 | 64 | 13.57 | 23 | 40 | 3.72 | 8 | 46 | 3.00 | 5 |
| 6319434 | APL3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364593 | MET6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323751 | YPK2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.92 | 1 | 1 | 0 | 0 |
| 330443495 | AIM6 | 2 | 2 | 5.90 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323752 | PGM2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82795256 | SEC28 | 1 | 1 | 3.38 | 1 | 1 | 8.78 | 2 | 3 | 0 | 0 | 0 | 0 | 0 |
| 6322215 | YIR024C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323291 | YPT6 | 3 | 8 | 16.28 | 3 | 8 | 5.12 | 1 | 18 | 0 | 0 | 0 | 0 | 0 |
| 6321632 | PDX1 | 1 | 1 | 3.66 | 1 | 1 | 0 | 0 | 0 | 3.66 | 1 | 2 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 398365005 | RIX1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323975 | YMR315 | 3 | 3 | 8.31 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2.01 | 1 |
| 6323740 | UTP15 | 2 | 2 | 5.46 | 2 | 2 | 11.70 | 4 | 4 | 0 | 0 | 0 | 0 | 0 |
| 6322743 | AAT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323033 | SSL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365521 | SWT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365403 | NUP133 | 3 | 3 | 3.11 | 3 | 3 | 1.38 | 1 | 1 | 1.04 | 1 | 2 | 0 | 0 |
| 6319276 | CDC24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.04 | 2 | 5 | 0 | 0 |
| 6323251 | UTP13 | 4 | 4 | 7.34 | 4 | 4 | 15.79 | 9 | 23 | 2.94 | 2 | 6 | 0 | 0 |
| 6321913 | LSM12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17.11 | 2 |
| 6322257 | RCY1 | 1 | 3 | 1.07 | 1 | 3 | 1.43 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6319900 | RSC6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364743 | IRC2 | 5 | 7 | 21.29 | 5 | 7 | 0 | 0 | 0 | 7.60 | 2 | 3 | 0 | 0 |
| 6320070 | CDC53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.10 | 1 | 3 | 1.84 | 1 |
| 398364601 | NFU1 | 1 | 1 | 4.69 | 1 | 1 | 17.97 | 4 | 8 | 0 | 0 | 0 | 0 | 0 |
| 6323229 | YKE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.91 | 1 |
| 6322154 | CKA1 | 0 | 0 | 0 | 0 | 0 | 2.42 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323687 | IOC4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325372 | RGC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325234 | MET12 | 2 | 2 | 3.65 | 2 | 2 | 2.28 | 1 | 1 | 1.67 | 1 | 1 | 0 | 0 |
| 10383790 | RHB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.26 | 1 | 2 | 0 | 0 |
| 10383792 | SYP1 | 4 | 5 | 4.83 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 8.05 | 4 |
| 398365079 | SEC9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365907 | APM3 | 1 | 1 | 2.28 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322783 | YNK1 | 1 | 1 | 7.84 | 1 | 1 | 18.95 | 2 | 6 | 0 | 0 | 0 | 0 | 0 |
| 6324470 | TPT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321843 | CIC1 | 2 | 2 | 5.59 | 2 | 2 | 3.46 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6319298 | CCR4 | 3 | 3 | 4.78 | 3 | 3 | 1.91 | 1 | 1 | 2.75 | 2 | 7 | 0 | 0 |
| 6321257 | GTS1 | 1 | 3 | 3.28 | 1 | 3 | 4.04 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6321341 | SRM1 | 2 | 2 | 4.15 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365245 | PFY1 | 1 | 1 | 7.94 | 1 | 1 | 7.94 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6324375 | FPK1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364253 | AYR1 | 1 | 1 | 3.37 | 1 | 1 | 0 | 0 | 0 | 2.69 | 1 | 1 | 0 | 0 |
| 398365397 | YGR054W | 1 | 1 | 2.34 | 1 | 1 | 3.58 | 2 | 2 | 1.87 | 1 | 3 | 0 | 0 |
| 398365527 | RLP7 | 1 | 1 | 4.04 | 1 | 1 | 4.04 | 1 | 2 | 11.18 | 3 | 22 | 0 | 0 |
| 6319976 | SHS1 | 2 | 3 | 3.63 | 2 | 3 | 4.17 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 398364769 | RSP5 | 5 | 7 | 7.66 | 5 | 7 | 5.93 | 3 | 4 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 14318538 | YFR016C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321647 | SER2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365769 | SHG1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321009 | SPT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365509 | RRP1 | 3 | 3 | 10.43 | 3 | 3 | 3.60 | 1 | 1 | 2.88 | 1 | 1 | 0 | 0 |
| 6323756 | MYO5 | 4 | 4 | 4.10 | 4 | 4 | 0 | 0 | 0 | 2.05 | 2 | 2 | 0 | 0 |
| 6324839 | RBL2 | 0 | 0 | 0 | 0 | 0 | 23.58 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 6319685 | DUR1,2 | 0 | 0 | 0 | 0 | 0 | 0.76 | 1 | 1 | 0 | 0 | 0 | 0.76 | 1 |
| 6325273 | TIF6 | 2 | 3 | 11.43 | 2 | 3 | 12.65 | 2 | 4 | 0 | 0 | 0 | 0 | 0 |
| 6324938 | PRE10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324996 | APM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324522 | GAL11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.02 | 1 |
| 6324113 | RAP1 | 4 | 8 | 5.93 | 4 | 8 | 1.69 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398366009 | YGR169C- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319564 | POL30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323546 | UTP14 | 1 | 1 | 1.11 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324312 | PUB1 | 2 | 2 | 3.75 | 2 | 2 | 4.86 | 2 | 9 | 0 | 0 | 0 | 0 | 0 |
| 6325286 | APL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323401 | SSQ1 | 0 | 0 | 0 | 0 | 0 | 5.02 | 2 | 3 | 0 | 0 | 0 | 0 | 0 |
| 6324048 | HCH1 | 1 | 2 | 7.84 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319627 | APD1 | 2 | 2 | 7.28 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320102 | DUN1 | 1 | 1 | 1.75 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383806 | SOL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320205 | YRB1 | 0 | 0 | 0 | 0 | 0 | 14.93 | 2 | 8 | 5.47 | 1 | 1 | 0 | 0 |
| 398366613 | TOM1 | 4 | 4 | 1.32 | 4 | 4 | 0 | 0 | 0 | 0.80 | 2 | 2 | 0 | 0 |
| 398365693 | TMA64 | 1 | 1 | 1.77 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323893 | BCH1 | 1 | 1 | 1.24 | 1 | 1 | 0 | 0 | 0 | 1.24 | 1 | 1 | 0 | 0 |
| 398366023 | YTM1 | 2 | 2 | 4.35 | 2 | 2 | 0 | 0 | 0 | 4.57 | 2 | 3 | 0 | 0 |
| 6319437 | STU1 | 1 | 1 | 0.66 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364833 | MET4 | 1 | 1 | 2.08 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321424 | PUF4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.90 | 1 | 3 | 0 | 0 |
| 6322411 | MTR4 | 8 | 9 | 10.16 | 8 | 9 | 1.49 | 1 | 3 | 0.84 | 1 | 1 | 0 | 0 |
| 14318501 | LPD1 | 6 | 9 | 17.03 | 6 | 9 | 16.43 | 5 | 6 | 0 | 0 | 0 | 0 | 0 |
| 6321890 | SFB3 | 1 | 1 | 0.86 | 1 | 1 | 1.94 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398366661 | GIN4 | 1 | 1 | 1.31 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365725 | SOL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323570 | DAK1 | 7 | 20 | 16.10 | 7 | 20 | 16.61 | 7 | 15 | 1.71 | 1 | 1 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 398364717 | OLE1 | 0 | 0 | 0 | 0 | 0 | 2.35 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398364715 | OST1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320639 | CYM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01 | 1 | 1 | 0 | 0 |
| 6324109 | ADE12 | 6 | 22 | 18.01 | 6 | 22 | 7.39 | 2 | 5 | 0 | 0 | 0 | 0 | 0 |
| 330443698 | CHS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365123 | AQR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324745 | LCB4 | 3 | 3 | 7.37 | 3 | 3 | 0 | 0 | 0 | 2.08 | 1 | 4 | 0 | 0 |
| 398366587 | RPN9 | 6 | 8 | 16.03 | 6 | 8 | 10.43 | 3 | 9 | 4.83 | 2 | 7 | 0 | 0 |
| 6320837 | MNN1 | 2 | 2 | 2.23 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324594 | HSP10 | 3 | 3 | 34.91 | 3 | 3 | 65.09 | 6 | 39 | 0 | 0 | 0 | 0 | 0 |
| 6320859 | RPN3 | 8 | 19 | 19.31 | 8 | 19 | 7.27 | 3 | 3 | 3.63 | 2 | 2 | 0 | 0 |
| 398366611 | NHX1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320395 | SLY1 | 5 | 12 | 10.06 | 5 | 12 | 4.05 | 2 | 2 | 1.50 | 1 | 14 | 2.10 | 1 |
| 41629692 | YIP4 | 1 | 1 | 5.11 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443374 | DRS2 | 1 | 1 | 0.74 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.77 | 1 |
| 6325207 | MNN9 | 1 | 1 | 2.53 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323858 | ERG20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319489 | MNN2 | 3 | 3 | 6.87 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319726 | ARO4 | 3 | 5 | 9.46 | 3 | 5 | 11.08 | 3 | 10 | 0 | 0 | 0 | 0 | 0 |
| 398364279 | VAC8 | 2 | 2 | 4.67 | 2 | 2 | 4.67 | 2 | 2 | 2.94 | 2 | 6 | 0 | 0 |
| 6324555 | TLG2 | 2 | 2 | 5.04 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366239 | GNT1 | 2 | 20 | 3.05 | 2 | 20 | 1.22 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6322249 | OPT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319454 | PEP1 | 14 | 17 | 11.15 | 14 | 17 | 4.12 | 5 | 6 | 1.14 | 2 | 3 | 0 | 0 |
| 6322787 | YKL063C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324645 | NRT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323270 | YLR241W | 1 | 1 | 1.28 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318577 | RPN12 | 6 | 12 | 31.39 | 6 | 12 | 31.39 | 8 | 16 | 8.03 | 1 | 2 | 0 | 0 |
| 6324061 | LYP1 | 0 | 0 | 2.29 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320993 | FTR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320705 | ITR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319319 | ERP1 | 2 | 4 | 9.59 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324828 | SEC63 | 2 | 2 | 3.02 | 2 | 2 | 4.98 | 2 | 2 | 7.24 | 5 | 10 | 0 | 0 |
| 6319429 | FUI1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325293 | VMA13 | 9 | 17 | 22.38 | 9 | 17 | 10.67 | 4 | 4 | 2.72 | 1 | 8 | 0 | 0 |
| 10383762 | RNQ1 | 1 | 1 | 4.20 | 1 | 1 | 4.20 | 1 | 1 | 2.22 | 1 | 23 | 0 | 0 |
| 6320691 | KRE2 | 4 | 4 | 10.41 | 4 | 4 | 0 | 0 | 0 | 5.20 | 1 | 1 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 6323630 | ERV25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323716 | TVP18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319289 | SNC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364281 | EMP24 | 1 | 1 | 6.90 | 1 | 1 | 6.90 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6320298 | DNF2 | 3 | 3 | 2.30 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443597 | MNN5 | 3 | 5 | 6.48 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320897 | FCY2 | 1 | 1 | 1.69 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443542 | SAP155 | 3 | 3 | 2.99 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318521 | SPB4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323367 | NUP2 | 0 | 0 | 0 | 0 | 0 | 8.47 | 3 | 4 | 0 | 0 | 0 | 0 | 0 |
| 6319303 | TPD3 | 2 | 3 | 4.57 | 2 | 3 | 4.72 | 3 | 4 | 0 | 0 | 0 | 0 | 0 |
| 6324166 | RIA1 | 1 | 1 | 0.99 | 1 | 1 | 0 | 0 | 0 | 1.17 | 1 | 2 | 0 | 0 |
| 398364557 | AIM21 | 0 | 0 | 0 | 0 | 0 | 2.50 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| 6322369 | SRS2 | 1 | 1 | 0.68 | 1 | 1 | 0.68 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6324088 | ZWF1 | 1 | 1 | 3.37 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319890 | TAF2 | 1 | 1 | 0.57 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320033 | SFA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325429 | BSP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323022 | YLL007C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324918 | YOR342C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320091 | TRM3 | 1 | 1 | 0.63 | 1 | 1 | 0 | 0 | 0 | 0.77 | 1 | 3 | 0 | 0 |
| 6322925 | SIS2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321999 | SCH9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.25 | 3 | 17 | 0 | 0 |
| 6320106 | RPN6 | 9 | 13 | 25.58 | 9 | 13 | 2.30 | 1 | 4 | 1.84 | 1 | 2 | 0 | 0 |
| 6320934 | PTC2 | 4 | 4 | 10.13 | 4 | 4 | 4.31 | 2 | 3 | 0 | 0 | 0 | 0 | 0 |
| 6322545 | STE18 | 1 | 1 | 15.45 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27808714 | LAP3 | 1 | 1 | 3.08 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322410 | IRC8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318532 | UBP6 | 7 | 9 | 17.03 | 7 | 9 | 9.02 | 3 | 5 | 2.61 | 1 | 11 | 0 | 0 |
| 6320129 | BRE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324287 | COG6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320846 | NTF2 | 1 | 1 | 12.80 | 1 | 1 | 12.80 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6324508 | MET22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319975 | GCS1 | 13 | 55 | 53.69 | 13 | 55 | 55.97 | 17 | 78 | 0 | 0 | 0 | 0 | 0 |
| 63535562 | CHA1 | 2 | 2 | 6.67 | 2 | 2 | 1.94 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6322141 | NEO1 | 1 | 1 | 1.56 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365175 | CDC28 | 3 | 4 | 11.07 | 3 | 4 | 3.69 | 1 | 1 | 11.41 | 3 | 7 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 6322378 | TAX4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320848 | TIR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320093 | TMA17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322332 | TRK1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320738 | QCR7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321543 | VOA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41629668 | VPS8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323150 | YPS3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365307 | EHT1 | 7 | 10 | 18.18 | 7 | 10 | 21.06 | 7 | 10 | 2.00 | 1 | 1 | 0 | 0 |
| 6322739 | KTI12 | 5 | 9 | 19.17 | 5 | 9 | 3.51 | 1 | 1 | 3.51 | 1 | 1 | 0 | 0 |
| 398366117 | ELP2 | 4 | 6 | 6.22 | 4 | 6 | 5.46 | 3 | 6 | 1.27 | 1 | 1 | 0 | 0 |
| 6324932 | CIR2 | 3 | 4 | 5.86 | 3 | 4 | 1.43 | 1 | 1 | 1.43 | 1 | 1 | 0 | 0 |
| 6323129 | ERG27 | 2 | 2 | 8.36 | 2 | 2 | 4.61 | 1 | 1 | 2.59 | 1 | 1 | 0 | 0 |
| 6322737 | ABF1 | 2 | 2 | 3.83 | 2 | 2 | 3.69 | 2 | 3 | 1.50 | 1 | 1 | 0 | 0 |
| 6321278 | AIM14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.23 | 1 | 1 | 0 | 0 |
| 398364589 | DSN1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.39 | 1 | 1 | 0 | 0 |
| 6324870 | YOR296W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.78 | 1 | 1 | 0 | 0 |
| 398365441 | ISN1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.00 | 1 | 1 | 0 | 0 |
| 6320409 | RAV2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.99 | 1 | 1 | 0 | 0 |
| 398366501 | MRPS2 | 2 | 3 | 11.89 | 2 | 3 | 0 | 0 | 0 | 3.15 | 1 | 2 | 0 | 0 |
| 398365469 | RPL40B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.46 | 1 | 2 | 0 | 0 |
| 398364921 | TFC1 | 1 | 1 | 2.00 | 1 | 1 | 0 | 0 | 0 | 1.23 | 1 | 2 | 0 | 0 |
| 6320130 | YDL073W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.81 | 1 | 2 | 0 | 0 |
| 6321209 | SHE10 | 4 | 4 | 7.11 | 4 | 4 | 2.08 | 1 | 1 | 3.81 | 2 | 3 | 0 | 0 |
| 6323662 | FMS1 | 1 | 3 | 2.76 | 1 | 3 | 0 | 0 | 0 | 1.97 | 1 | 3 | 0 | 0 |
| 398365025 | KCS1 | 1 | 1 | 0.76 | 1 | 1 | 0 | 0 | 0 | 0.86 | 1 | 3 | 0 | 0 |
| 398365489 | LST8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.63 | 1 | 3 | 0 | 0 |
| 6322593 | XPT1 | 1 | 4 | 5.26 | 1 | 4 | 0 | 0 | 0 | 5.26 | 1 | 4 | 0 | 0 |
| 398366545 | ARO10 | 9 | 14 | 15.28 | 9 | 14 | 4.88 | 3 | 5 | 2.52 | 2 | 5 | 0 | 0 |
| 398366635 | PHO8 | 1 | 1 | 1.77 | 1 | 1 | 0 | 0 | 0 | 4.06 | 2 | 8 | 0 | 0 |
| 6321005 | COG3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.37 | 1 | 1 | 0 | 0 |
| 398364553 | NBP35 | 1 | 1 | 3.05 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323569 | COG8 | 0 | 0 | 0 | 0 | 0 | 2.97 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6322229 | GTT1 | 6 | 13 | 31.62 | 6 | 13 | 24.36 | 6 | 16 | 0 | 0 | 0 | 8.97 | 2 |
| 398366485 | ASP1 | 5 | 8 | 14.96 | 5 | 8 | 7.87 | 2 | 3 | 0 | 0 | 0 | 0 | 0 |
| 398365871 | MGE1 | 4 | 6 | 17.54 | 4 | 6 | 10.53 | 3 | 5 | 0 | 0 | 0 | 0 | 0 |
| 6324690 | RPO31 | 3 | 3 | 3.08 | 3 | 3 | 1.99 | 2 | 3 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 6324946 | MRS6 | 1 | 1 | 2.32 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325052 | HRR25 | 1 | 2 | 1.82 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324631 | SGT1 | 1 | 1 | 2.78 | 1 | 1 | 3.04 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323651 | ADI1 | 1 | 2 | 7.26 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365629 | DBF2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320725 | GRH1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324056 | TOF1 | 1 | 1 | 1.05 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321823 | PIH1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383767 | KCC4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319556 | UBC4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325007 | GYP5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322121 | SEC6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323292 | TMA7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325227 | TRM44 | 4 | 5 | 8.11 | 4 | 5 | 2.29 | 1 | 1 | 3.17 | 1 | 1 | 0 | 0 |
| 6322526 | TOR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.81 | 1 | 1 | 0 | 0 |
| 6324085 | SUI1 | 6 | 28 | 70.37 | 6 | 28 | 62.04 | 6 | 30 | 0 | 0 | 0 | 0 | 0 |
| 398366199 | IVY1 | 3 | 3 | 6.62 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322839 | ARC19 | 2 | 4 | 14.04 | 2 | 4 | 9.36 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6321914 | CIA2 | 1 | 2 | 5.19 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319737 | RGD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322419 | MHP1 | 1 | 1 | 0.50 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366245 | LDB19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325011 | YPL245W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364697 | LSM4 | 2 | 2 | 10.70 | 2 | 2 | 14.44 | 3 | 6 | 8.56 | 2 | 3 | 0 | 0 |
| 6320840 | FMP52 | 4 | 6 | 18.61 | 4 | 6 | 12.55 | 2 | 3 | 0 | 0 | 0 | 30.74 | 5 |
| 6324794 | RCN2 | 1 | 1 | 4.53 | 1 | 1 | 13.21 | 2 | 3 | 0 | 0 | 0 | 0 | 0 |
| 6321800 | VPS29 | 2 | 2 | 8.16 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364967 | SOK1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320413 | UME6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322379 | IML2 | 1 | 1 | 1.23 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325362 | COG4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.90 | 2 | 2 | 0 | 0 |
| 6322156 | BCY1 | 5 | 6 | 11.06 | 5 | 6 | 16.83 | 6 | 10 | 0 | 0 | 0 | 0 | 0 |
| 6322424 | SNX4 | 1 | 1 | 3.78 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365471 | MCM7 | 1 | 1 | 1.54 | 1 | 1 | 1.18 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398365269 | SMY2 | 0 | 0 | 0 | 0 | 0 | 2.43 | 1 | 1 | 3.24 | 1 | 1 | 0 | 0 |
| 6323616 | YML6 | 1 | 1 | 2.45 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325343 | SUA7 | 2 | 2 | 8.70 | 2 | 2 | 4.93 | 1 | 1 | 2.90 | 1 | 1 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 10383809 | FIG2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324293 | YNL035C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366365 | EFG1 | 3 | 4 | 19.74 | 3 | 4 | 6.44 | 1 | 3 | 6.87 | 1 | 2 | 0 | 0 |
| 6321235 | KEX1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.37 | 1 | 6 | 0 | 0 |
| 6323606 | AMD1 | 6 | 8 | 8.40 | 6 | 8 | 7.04 | 3 | 3 | 0 | 0 | 0 | 0 | 0 |
| 398366153 | MBF1 | 2 | 5 | 17.88 | 2 | 5 | 7.95 | 1 | 2 | 0 | 0 | 0 | 9.93 | 1 |
| 398364537 | VPS45 | 3 | 4 | 6.41 | 3 | 4 | 0 | 0 | 0 | 3.64 | 2 | 5 | 0 | 0 |
| 6325326 | SPE3 | 1 | 1 | 4.44 | 1 | 1 | 7.17 | 2 | 2 | 0 | 0 | 0 | 4.44 | 1 |
| 37362654 | RRP46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324194 | FPR1 | 5 | 20 | 46.49 | 5 | 20 | 56.14 | 5 | 21 | 0 | 0 | 0 | 0 | 0 |
| 46562125 | VPS5 | 1 | 1 | 1.63 | 1 | 1 | 0 | 0 | 0 | 1.33 | 1 | 5 | 0 | 0 |
| 6322759 | YKL091C | 3 | 7 | 10.32 | 3 | 7 | 5.81 | 2 | 19 | 0 | 0 | 0 | 0 | 0 |
| 37362671 | MIA40 | 2 | 4 | 9.68 | 2 | 4 | 6.95 | 2 | 10 | 0 | 0 | 0 | 3.97 | 1 |
| 6320662 | GUK1 | 2 | 6 | 12.30 | 2 | 6 | 25.67 | 4 | 12 | 0 | 0 | 0 | 0 | 0 |
| 6324363 | ARC35 | 3 | 3 | 10.23 | 3 | 3 | 5.85 | 2 | 4 | 0 | 0 | 0 | 0 | 0 |
| 398366563 | HPT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366275 | LSC2 | 2 | 2 | 6.09 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323739 | AIP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325215 | SSN3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324378 | LYS9 | 0 | 0 | 0 | 0 | 0 | 3.36 | 1 | 1 | 3.36 | 1 | 1 | 0 | 0 |
| 6324475 | WRS1 | 4 | 8 | 11.57 | 4 | 8 | 15.28 | 5 | 8 | 2.31 | 1 | 2 | 4.17 | 1 |
| 6323279 | SSP120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.13 | 1 | 4 | 0 | 0 |
| 6322992 | PRP19 | 5 | 5 | 12.52 | 5 | 5 | 4.37 | 2 | 5 | 0 | 0 | 0 | 0 | 0 |
| 330443401 | MAP2 | 2 | 2 | 6.89 | 2 | 2 | 3.09 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6324564 | RCL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324379 | BRE5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320849 | PRE10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325173 | BRO1 | 1 | 2 | 1.30 | 1 | 2 | 4.38 | 3 | 3 | 1.54 | 1 | 1 | 0 | 0 |
| 398366247 | PHO81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.85 | 1 | 4 | 0 | 0 |
| 6323007 | SPA2 | 6 | 7 | 4.64 | 6 | 7 | 6.68 | 6 | 16 | 0 | 0 | 0 | 0 | 0 |
| 6325447 | SKI3 | 1 | 1 | 0.77 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323332 | HRI1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324574 | RRP6 | 2 | 2 | 3.27 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324031 | CLA4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365831 | PRE9 | 4 | 4 | 17.83 | 4 | 4 | 0 | 0 | 0 | 3.10 | 1 | 1 | 0 | 0 |
| 6323142 | HOG1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324615 | CUE5 | 4 | 4 | 11.19 | 4 | 4 | 3.89 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 6322153 | CST6 | 2 | 3 | 3.41 | 2 | 3 | 0 | 0 | 0 | 1.36 | 1 | 1 | 5.28 | 1 |
| 14318524 | NIC96 | 2 | 3 | 2.26 | 2 | 3 | 2.38 | 2 | 2 | 1.31 | 1 | 1 | 0 | 0 |
| 6324402 | AIF1 | 3 | 4 | 9.26 | 3 | 4 | 4.50 | 1 | 2 | 2.38 | 1 | 1 | 0 | 0 |
| 398364507 | DOT5 | 2 | 2 | 11.16 | 2 | 2 | 4.19 | 1 | 2 | 6.05 | 1 | 1 | 0 | 0 |
| 398365867 | ENT5 | 1 | 1 | 2.92 | 1 | 1 | 2.43 | 1 | 1 | 2.92 | 1 | 1 | 0 | 0 |
| 6324130 | GCR2 | 1 | 1 | 1.50 | 1 | 1 | 0 | 0 | 0 | 2.25 | 1 | 1 | 5.24 | 1 |
| 6323148 | SRN2 | 2 | 2 | 10.80 | 2 | 2 | 0 | 0 | 0 | 6.57 | 1 | 1 | 0 | 0 |
| 6319738 | TAE1 | 1 | 1 | 4.74 | 1 | 1 | 0 | 0 | 0 | 8.62 | 1 | 1 | 0 | 0 |
| 6324656 | WHI5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.73 | 1 | 1 | 0 | 0 |
| 6324781 | RET1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.78 | 1 | 1 | 0 | 0 |
| 37362668 | YJL016W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.43 | 1 | 1 | 0 | 0 |
| 6321609 | PSD2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.11 | 1 | 1 | 0 | 0 |
| 6321481 | RME1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.00 | 1 | 1 | 0 | 0 |
| 6325431 | VPS4 | 2 | 2 | 5.49 | 2 | 2 | 0 | 0 | 0 | 1.83 | 1 | 2 | 0 | 0 |
| 6324854 | FSH3 | 1 | 1 | 4.14 | 1 | 1 | 0 | 0 | 0 | 4.14 | 1 | 2 | 0 | 0 |
| 330443376 | MAK16 | 1 | 1 | 4.58 | 1 | 1 | 0 | 0 | 0 | 2.61 | 1 | 2 | 0 | 0 |
| 6322690 | RCN1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.16 | 1 | 3 | 0 | 0 |
| 6322431 | VPS53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.22 | 1 | 3 | 0 | 0 |
| 6322631 | SRY1 | 3 | 6 | 14.11 | 3 | 6 | 4.60 | 1 | 1 | 3.37 | 1 | 5 | 0 | 0 |
| 6320580 | VPS74 | 6 | 30 | 23.48 | 6 | 30 | 26.96 | 7 | 44 | 0 | 0 | 0 | 0 | 0 |
| 9755336 | DID4 | 2 | 7 | 9.91 | 2 | 7 | 3.88 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323881 | YML44 | 1 | 6 | 11.22 | 1 | 6 | 16.33 | 1 | 4 | 0 | 0 | 0 | 0 | 0 |
| 398366509 | MRP1 | 4 | 5 | 16.20 | 4 | 5 | 4.36 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6320035 | FAP7 | 3 | 4 | 18.27 | 3 | 4 | 12.18 | 2 | 3 | 0 | 0 | 0 | 0 | 0 |
| 6323354 | SFH1 | 1 | 1 | 3.05 | 1 | 1 | 3.05 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323531 | SEC65 | 2 | 3 | 8.06 | 2 | 3 | 8.79 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 6321433 | COG7 | 3 | 3 | 11.47 | 3 | 3 | 7.89 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 398364865 | PIB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320673 | RMT2 | 2 | 2 | 4.37 | 2 | 2 | 2.18 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323417 | SWC7 | 2 | 2 | 19.70 | 2 | 2 | 37.88 | 4 | 5 | 0 | 0 | 0 | 0 | 0 |
| 6324423 | DCP1 | 2 | 2 | 11.69 | 2 | 2 | 7.79 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398365921 | TAF10 | 1 | 1 | 3.88 | 1 | 1 | 18.45 | 2 | 2 | 0 | 0 | 0 | 9.22 | 1 |
| 6323712 | UBX4 | 1 | 1 | 3.13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325166 | GLR1 | 1 | 2 | 2.48 | 1 | 2 | 2.48 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6320994 | LSM5 | 2 | 2 | 26.88 | 2 | 2 | 17.20 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| 398366515 | TRP4 | 2 | 2 | 4.47 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324551 | TSR4 | 1 | 1 | 4.17 | 1 | 1 | 8.33 | 2 | 3 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 6324068 | ORC5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325213 | NOP4 | 2 | 2 | 2.48 | 2 | 2 | 2.48 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6324041 | CAF40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320086 | CYK3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321762 | SNF6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365087 | GRX4 | 0 | 0 | 0 | 0 | 0 | 6.97 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323218 | ATG26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41629693 | PRP18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443528 | PTP3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364733 | YIR035C | 1 | 1 | 3.54 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321766 | AIM17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318483 | MOB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324527 | PSK2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365421 | PRP16 | 0 | 0 | 0 | 0 | 0 | 0.84 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 41629685 | RSC30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320907 | VHR2 | 1 | 1 | 2.97 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366405 | GCN2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364549 | GYP6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443696 | YNL193W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325243 | YPL014W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325327 | MED1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320160 | MTF2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319287 | PRP45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365919 | SEC5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320433 | SIR4 | 0 | 0 | 0 | 0 | 0 | 0.59 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6321725 | BIO2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324177 | INN1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319534 | ORC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320887 | SAP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321204 | SEC15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323111 | SRL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366601 | SSN2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323541 | VPS9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321955 | YAP1801 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.41 | 1 | 1 | 0 | 0 |
| 6323215 | EMG1 | 3 | 4 | 15.08 | 3 | 4 | 17.46 | 3 | 4 | 5.16 | 1 | 2 | 0 | 0 |
| 6319868 | HTL1 | 0 | 0 | 0 | 0 | 0 | 14.10 | 1 | 2 | 11.54 | 1 | 2 | 0 | 0 |
| 6321537 | MDR1 | 1 | 1 | 0.84 | 1 | 1 | 0 | 0 | 0 | 1.16 | 1 | 2 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 6320533 | YSP2 | 1 | 1 | 0.70 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323749 | YMR102C | 1 | 1 | 0.96 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324651 | RTS2 | 1 | 1 | 4.31 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323005 | POM33 | 0 | 0 | 2.51 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322036 | GUT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365235 | POP7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321629 | HIP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323062 | SMF3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320619 | DFM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366299 | YGR250C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73858744 | YIL156W- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322672 | LST4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323224 | NMT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325414 | TPO3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9755339 | TAD3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320031 | UGA3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323713 | AVO2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 269970308 | SSY5 | 0 | 0 | 0 | 0 | 0 | 1.43 | 1 | 1 | 0 | 0 | 0 | 1.43 | 1 |
| 6323127 | CHA4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.16 | 1 |
| 6319498 | SCO2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.65 | 1 |
| 398364781 | VFA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.39 | 1 |
| 269970305 | ADH4 | 0 | 0 | 0 | 0 | 0 | 4.45 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 269970311 | ASK1 | 0 | 0 | 0 | 0 | 0 | 6.51 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 6321833 | DOG2 | 0 | 0 | 0 | 0 | 0 | 8.13 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 42759857 | NBL1 | 0 | 0 | 0 | 0 | 0 | 23.29 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 398365807 | REI1 | 0 | 0 | 0 | 0 | 0 | 3.82 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 398366469 | SRB7 | 0 | 0 | 0 | 0 | 0 | 12.14 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 6323627 | TRM9 | 0 | 0 | 0 | 0 | 0 | 5.38 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 6319933 | YCRO90C | 0 | 0 | 0 | 0 | 0 | 4.40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398364703 | YNL134C | 0 | 0 | 0 | 0 | 0 | 3.19 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6321870 | IRE1 | 0 | 0 | 0 | 0 | 0 | 1.17 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398365167 | ARO3 | 0 | 0 | 0 | 0 | 0 | 4.32 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6322656 | ACP1 | 0 | 0 | 0 | 0 | 0 | 12.80 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398364449 | CEG1 | 0 | 0 | 0 | 0 | 0 | 4.14 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 21450619 | DAD3 | 0 | 0 | 0 | 0 | 0 | 9.57 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398364901 | MED2 | 0 | 0 | 0 | 0 | 0 | 2.32 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323220 | PEX13 | 0 | 0 | 0 | 0 | 0 | 3.63 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|--------------------|--------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1_ _WT_1 | TAP_Rtr1_ _WT_1 |
| 398364729 | LYS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.56 | 1 |
| 6322800 | SFK1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.40 | 1 |
| 6320860 | SRB4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.47 | 1 |
| 398365591 | TDP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.57 | 1 |
| 6321769 | YHL018W | 0 | 0 | 0 | 0 | 0 | 9.17 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6321830 | BCD1 | 0 | 0 | 0 | 0 | 0 | 4.10 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398366341 | CIN1 | 0 | 0 | 0 | 0 | 0 | 0.79 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323894 | DFG5 | 0 | 0 | 0 | 0 | 0 | 2.84 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398366533 | DXO1 | 0 | 0 | 0 | 0 | 0 | 1.81 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398366665 | EMI1 | 0 | 0 | 0 | 0 | 0 | 9.09 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6320903 | FCY22 | 0 | 0 | 0 | 0 | 0 | 1.70 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6324540 | MSE1 | 0 | 0 | 0 | 0 | 0 | 4.29 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323006 | HIF1 | 0 | 0 | 0 | 0 | 0 | 5.19 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6319899 | YCR051W | 0 | 0 | 0 | 0 | 0 | 5.86 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6320512 | YDR306C | 0 | 0 | 0 | 0 | 0 | 3.56 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6321402 | YGL036W | 0 | 0 | 0 | 0 | 0 | 1.43 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6322314 | YJL147C | 0 | 0 | 0 | 0 | 0 | 1.83 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6324499 | YOL073C | 0 | 0 | 0 | 0 | 0 | 3.11 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 330443728 | YOL075C | 0 | 0 | 0 | 0 | 0 | 0.93 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323268 | LIP2 | 0 | 0 | 0 | 0 | 0 | 5.79 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6322349 | MDV1 | 0 | 0 | 0 | 0 | 0 | 2.24 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398365753 | RSM19 | 0 | 0 | 0 | 0 | 0 | 10.99 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6322678 | YML38 | 0 | 0 | 0 | 0 | 0 | 11.59 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323715 | MOT3 | 0 | 0 | 0 | 0 | 0 | 2.24 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 330443507 | MPS1 | 0 | 0 | 0 | 0 | 0 | 3.40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323816 | MSS11 | 0 | 0 | 0 | 0 | 0 | 1.45 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323714 | NAT4 | 0 | 0 | 0 | 0 | 0 | 4.56 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323913 | PET111 | 0 | 0 | 0 | 0 | 0 | 1.00 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6321514 | PEX8 | 0 | 0 | 0 | 0 | 0 | 2.21 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 330443601 | PFD1 | 0 | 0 | 0 | 0 | 0 | 13.76 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 14318559 | PHO4 | 0 | 0 | 0 | 0 | 0 | 3.21 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6325444 | PZF1 | 0 | 0 | 0 | 0 | 0 | 3.26 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6324200 | NRK1 | 0 | 0 | 0 | 0 | 0 | 6.25 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6323914 | ROY1 | 0 | 0 | 0 | 0 | 0 | 1.99 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6320250 | RPC11 | 0 | 0 | 0 | 0 | 0 | 16.36 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 398366011 | MDM3 | 0 | 0 | 0 | 0 | 0 | 2.51 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6320089 | YDL114W | 0 | 0 | 0 | 0 | 0 | 6.17 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 398365719 | CLB6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324674 | CRC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321317 | GPG1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324832 | HNT3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321177 | YGL260W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323877 | YMR221C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319408 | KIP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324872 | MUM3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323136 | REX3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366181 | SLI1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323658 | SOK2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320871 | ZRG8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324461 | MDY2 | 3 | 5 | 16.51 | 3 | 5 | 5.19 | 1 | 3 | 5.19 | 1 | 1 | 0 | 0 |
| 6324739 | SEY1 | 1 | 1 | 1.68 | 1 | 1 | 0 | 0 | 0 | 1.29 | 1 | 1 | 0 | 0 |
| 398365665 | YNR021W | 1 | 1 | 4.21 | 1 | 1 | 4.21 | 1 | 2 | 1.98 | 1 | 1 | 0 | 0 |
| 6322465 | POL31 | 1 | 1 | 2.26 | 1 | 1 | 2.26 | 1 | 1 | 4.11 | 1 | 1 | 0 | 0 |
| 6323610 | NDC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.83 | 1 | 1 | 0 | 0 |
| 6323736 | YTA12 | 1 | 1 | 2.06 | 1 | 1 | 0 | 0 | 0 | 2.30 | 1 | 1 | 0 | 0 |
| 6323671 | FAR8 | 1 | 1 | 1.34 | 1 | 1 | 2.68 | 1 | 1 | 1.72 | 1 | 1 | 0 | 0 |
| 6319503 | CDS1 | 1 | 1 | 1.97 | 1 | 1 | 0 | 0 | 0 | 2.63 | 1 | 1 | 0 | 0 |
| 398366089 | MPD1 | 1 | 1 | 3.46 | 1 | 1 | 0 | 0 | 0 | 2.52 | 1 | 1 | 0 | 0 |
| 6321373 | ALG2 | 1 | 1 | 2.58 | 1 | 1 | 0 | 0 | 0 | 2.58 | 1 | 1 | 0 | 0 |
| 6325397 | LOA1 | 1 | 1 | 5.33 | 1 | 1 | 0 | 0 | 0 | 3.00 | 1 | 1 | 0 | 0 |
| 116006497 | MRPL15 | 0 | 0 | 0 | 0 | 0 | 3.56 | 1 | 1 | 4.74 | 1 | 1 | 0 | 0 |
| 330443583 | ERG7 | 1 | 1 | 2.05 | 1 | 1 | 0 | 0 | 0 | 1.64 | 1 | 1 | 0 | 0 |
| 6324069 | LTO1 | 1 | 1 | 5.05 | 1 | 1 | 0 | 0 | 0 | 6.57 | 1 | 1 | 0 | 0 |
| 6324930 | MSC6 | 1 | 1 | 1.59 | 1 | 1 | 0 | 0 | 0 | 1.88 | 1 | 1 | 0 | 0 |
| 6320901 | PCL6 | 1 | 1 | 1.90 | 1 | 1 | 0 | 0 | 0 | 2.62 | 1 | 1 | 0 | 0 |
| 398365081 | SPC34 | 1 | 1 | 4.75 | 1 | 1 | 0 | 0 | 0 | 5.08 | 1 | 1 | 0 | 0 |
| 6321878 | NAM8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.63 | 1 | 1 | 0 | 0 |
| 398364895 | RAV1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.96 | 1 | 1 | 0 | 0 |
| 42759860 | TOR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.36 | 1 | 1 | 0 | 0 |
| 14270687 | AST1 | 0 | 0 | 0 | 0 | 0 | 2.33 | 1 | 1 | 1.63 | 1 | 1 | 0 | 0 |
| 398364431 | AGE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.68 | 1 | 1 | 0 | 0 |
| 398365583 | GAC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.77 | 1 | 1 | 0 | 0 |
| 6324345 | RCF2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.91 | 1 | 1 | 0 | 0 |
| 6322351 | GZF3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.18 | 1 | 1 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 330443362 | BDH1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.36 | 1 | 1 | 0 | 0 |
| 6325377 | CLB5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.84 | 1 | 1 | 0 | 0 |
| 6324301 | CRZ1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.33 | 1 | 1 | 0 | 0 |
| 6321426 | ERG4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.69 | 1 | 1 | 0 | 0 |
| 6322803 | ELM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.41 | 1 | 1 | 0 | 0 |
| 398366135 | FLD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.26 | 1 | 1 | 0 | 0 |
| 6321381 | GEP7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.44 | 1 | 1 | 0 | 0 |
| 6325242 | HST2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.64 | 1 | 1 | 0 | 0 |
| 330443455 | YBR138C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.72 | 1 | 1 | 0 | 0 |
| 6320002 | YDL199C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.66 | 1 | 1 | 0 | 0 |
| 6320294 | YDR089W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.38 | 1 | 1 | 0 | 0 |
| 6322972 | YLL056C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.68 | 1 | 1 | 0 | 0 |
| 6323358 | YLR326W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.25 | 1 | 1 | 0 | 0 |
| 6325189 | YPL068C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.85 | 1 | 1 | 0 | 0 |
| 398366259 | KEL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.91 | 1 | 1 | 0 | 0 |
| 6324755 | LAS17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.42 | 1 | 1 | 0 | 0 |
| 6323686 | MCM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.85 | 1 | 1 | 0 | 0 |
| 6321441 | PEX31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.46 | 1 | 1 | 0 | 0 |
| 6324436 | PFK27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.52 | 1 | 1 | 0 | 0 |
| 398366391 | PIP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.90 | 1 | 1 | 0 | 0 |
| 6323238 | PNP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.25 | 1 | 1 | 0 | 0 |
| 6319818 | RRP7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.03 | 1 | 1 | 0 | 0 |
| 6323655 | SEC59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.54 | 1 | 1 | 0 | 0 |
| 6324650 | SKI7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.01 | 1 | 1 | 0 | 0 |
| 6324847 | TPO4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.21 | 1 | 1 | 0 | 0 |
| 398366289 | RMD5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.85 | 1 | 1 | 0 | 0 |
| 398364689 | YVH1 | 2 | 2 | 6.32 | 2 | 2 | 18.41 | 4 | 10 | 7.14 | 2 | 2 | 0 | 0 |
| 6324543 | GAS5 | 3 | 4 | 8.88 | 3 | 4 | 8.26 | 3 | 3 | 2.48 | 1 | 2 | 0 | 0 |
| 6322303 | CIS3 | 2 | 2 | 7.05 | 2 | 2 | 3.52 | 1 | 1 | 3.52 | 1 | 2 | 0 | 0 |
| 6325237 | ULP1 | 2 | 3 | 3.70 | 2 | 3 | 0 | 0 | 0 | 1.29 | 1 | 2 | 0 | 0 |
| 116006493 | HSP150 | 2 | 2 | 10.90 | 2 | 2 | 1.94 | 1 | 1 | 1.94 | 1 | 2 | 0 | 0 |
| 6226534 | VAR1 | 1 | 2 | 2.76 | 1 | 2 | 0 | 0 | 0 | 2.51 | 1 | 2 | 0 | 0 |
| 6321942 | IMP3 | 1 | 1 | 8.20 | 1 | 1 | 0 | 0 | 0 | 4.37 | 1 | 2 | 0 | 0 |
| 6320857 | SBH2 | 1 | 1 | 14.77 | 1 | 1 | 0 | 0 | 0 | 14.77 | 1 | 2 | 0 | 0 |
| 6321909 | TOM71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.13 | 2 | 2 | 0 | 0 |
| 6321566 | YGR127W | 1 | 1 | 2.56 | 1 | 1 | 0 | 0 | 0 | 2.56 | 1 | 2 | 0 | 0 |
| 6323942 | YML33 | 1 | 1 | 16.28 | 1 | 1 | 0 | 0 | 0 | 13.95 | 1 | 2 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP | # PSM | %SC | UP |
|-----------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|-------------------|-------------------|
| | | BY4741_F LAG_J1 | BY4741_F LAG_J1 | BY4741_FL AG_J2 | BY4741_F LAG_J2 | BY4741_F LAG_J2 | BY4741_FL AG_J3 | BY4741_F LAG_J3 | BY4741_F LAG_J3 | V5_Rtr1_ WT | V5_Rtr1_ WT | V5_Rtr1_ WT | TAP_Rtr1 _WT_1 | TAP_Rtr1 _WT_1 |
| 6325075 | CTI6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.57 | 1 | 2 | 0 | 0 |
| 6323612 | USA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.55 | 1 | 2 | 0 | 0 |
| 6324845 | FSF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.98 | 1 | 2 | 0 | 0 |
| 398365295 | YDR056C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.83 | 1 | 2 | 0 | 0 |
| 6324510 | APM4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.04 | 1 | 2 | 0 | 0 |
| 6323263 | TOP3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.52 | 1 | 2 | 0 | 0 |
| 41629680 | FMP21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.80 | 1 | 2 | 0 | 0 |
| 6319813 | GFD2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.59 | 1 | 2 | 0 | 0 |
| 6324214 | YNL115C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.02 | 1 | 2 | 0 | 0 |
| 398364237 | RML2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.82 | 2 | 2 | 0 | 0 |
| 398365189 | OCA2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.08 | 1 | 2 | 0 | 0 |
| 398366517 | SPC110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.17 | 1 | 2 | 0 | 0 |
| 6323897 | YHM2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.55 | 1 | 3 | 0 | 0 |
| 6323573 | ERV41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.27 | 1 | 3 | 0 | 0 |
| 6320503 | SUR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.44 | 2 | 3 | 0 | 0 |
| 6319643 | TYR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.21 | 1 | 3 | 0 | 0 |
| 398364575 | SBH1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.41 | 1 | 3 | 0 | 0 |
| 6320189 | TSC13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.55 | 2 | 4 | 0 | 0 |
| 6324066 | YIF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.46 | 1 | 4 | 0 | 0 |
| 6321596 | CHO2 | 0 | 0 | 0.81 | 1 | 1 | 0 | 0 | 0 | 2.19 | 2 | 5 | 0 | 0 |
| 6321331 | RMD9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.02 | 2 | 5 | 0 | 0 |
| 6323745 | ATP25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.29 | 1 | 5 | 0 | 0 |
| 6321861 | TRM5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.82 | 4 | 7 | 0 | 0 |
| 6321963 | SBP8 | 3 | 3 | 6.50 | 3 | 3 | 0 | 0 | 0 | 3.02 | 1 | 9 | 0 | 0 |
| 6325448 | RPC82 | 3 | 3 | 5.50 | 3 | 3 | 2.45 | 1 | 1 | 5.35 | 3 | 10 | 0 | 0 |
| 6325370 | PIS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.00 | 1 | 10 | 0 | 0 |
| 6319804 | EMC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.03 | 2 | 10 | 0 | 0 |
| 6322762 | CAB3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.10 | 1 | 12 | 0 | 0 |
| 99030930 | ZIM17 | 2 | 12 | 13.22 | 2 | 12 | 24.71 | 2 | 3 | 13.22 | 2 | 13 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ _WT_2 | # PSM TAP_Rtr1_ _WT_2 | %SC TAP_Rtr1_ _WT_3 | UP TAP_Rtr1_ _WT_3 | # PSM TAP_Rtr1_ _WT_3 | %SC TAP_Rtr1_ _WT_4 | UP TAP_Rtr1_ _WT_4 | # PSM TAP_Rtr1_ _WT_4 | %SC TAP_Rtr1_ _ctk1_del etion | UP TAP_Rtr1_ _ctk1_del etion | # PSM TAP_Rtr1_ _ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|--------------------------|-----------------------------|---------------------------|--------------------------|-----------------------------|---------------------------|--------------------------|-----------------------------|----------------------------------------|---------------------------------------|------------------------------------------|
| 398364847 | RTR1 | 3529 | 75.66 | 14 | 623 | 79.65 | 21 | 2834 | 53.54 | 15 | 2499 | 46.46 | 12 | 4513 |
| 6320061 | RPB1 | 845 | 33.47 | 37 | 254 | 37.05 | 45 | 464 | 19.85 | 34 | 456 | 4.15 | 6 | 20 |
| 398365417 | RPB2 | 537 | 31.94 | 29 | 125 | 35.38 | 33 | 292 | 26.39 | 28 | 133 | 5.23 | 6 | 16 |
| 398364469 | RPB3 | 116 | 52.20 | 10 | 53 | 57.86 | 11 | 108 | 13.52 | 3 | 16 | 0 | 0 | 0 |
| 6322321 | RPB4 | 8 | 35.75 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319630 | RPB5 | 108 | 37.67 | 7 | 67 | 36.74 | 6 | 99 | 23.72 | 4 | 38 | 6.98 | 1 | 3 |
| 398366567 | RPB7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365775 | RPB10 | 10 | 52.86 | 2 | 14 | 15.71 | 1 | 29 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325445 | RPB6 | 35 | 26.45 | 2 | 15 | 26.45 | 2 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321368 | RPB9 | 9 | 0 | 0 | 0 | 12.30 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324798 | RPB8 | 21 | 10.96 | 1 | 19 | 31.51 | 4 | 24 | 10.96 | 1 | 1 | 0 | 0 | 0 |
| 6324569 | RPB11 | 39 | 25.83 | 3 | 3 | 47.50 | 5 | 19 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323632 | SPT5 | 0 | 2.73 | 2 | 4 | 7.90 | 6 | 18 | 1.22 | 1 | 1 | 0 | 0 | 0 |
| 6321625 | TFG1 | 0 | 2.59 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321937 | RPB12 | 67 | 28.57 | 1 | 3 | 40.00 | 2 | 35 | 28.57 | 1 | 3 | 0 | 0 | 0 |
| 398365043 | TFG2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.00 | 1 | 1 | 0 | 0 | 0 |
| 154199603 | IWR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365457 | SPT4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325128 | TAF14 | 0 | 0 | 0 | 0 | 6.97 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365155 | NPA3 | 40 | 6.23 | 2 | 8 | 20.00 | 7 | 28 | 2.60 | 1 | 1 | 0 | 0 | 0 |
| 6323272 | GPN3 | 24 | 10.66 | 2 | 4 | 10.66 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322163 | IRR1 | 0 | 1.04 | 1 | 1 | 1.22 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366099 | RRP41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366555 | UBA2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323670 | TAP42 | 0 | 0 | 0 | 0 | 17.76 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323004 | SSA2 | 191 | 19.56 | 7 | 31 | 59.78 | 26 | 311 | 26.92 | 13 | 49 | 6.42 | 3 | 11 |
| 6319505 | RPL4A | 29 | 22.10 | 5 | 32 | 30.94 | 8 | 46 | 2.76 | 1 | 1 | 0 | 0 | 0 |
| 398364991 | RPL4B | 26 | 22.10 | 5 | 32 | 30.94 | 8 | 46 | 2.76 | 1 | 1 | 0 | 0 | 0 |
| 398365303 | RPL43B | 320 | 29.35 | 2 | 19 | 29.35 | 3 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364349 | RPL2A | 32 | 24.41 | 3 | 3 | 27.17 | 4 | 8 | 4.33 | 1 | 6 | 0 | 0 | 0 |
| 6325337 | TEF1 | 71 | 28.17 | 7 | 37 | 55.68 | 18 | 1023 | 12.66 | 6 | 196 | 11.79 | 6 | 206 |
| 144228166 | SSA1 | 206 | 16.20 | 5 | 20 | 62.15 | 28 | 308 | 28.35 | 14 | 51 | 8.26 | 4 | 21 |
| 6319559 | RPL19A | 25 | 20.11 | 3 | 5 | 14.29 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320065 | RPL35A | 170 | 0 | 0 | 0 | 11.67 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365603 | RPS4A | 28 | 3.83 | 1 | 1 | 24.14 | 4 | 21 | 6.51 | 2 | 2 | 3.83 | 1 | 5 |
| 398365321 | RPS6B | 163 | 0 | 0 | 0 | 13.56 | 2 | 10 | 15.25 | 3 | 4 | 11.44 | 2 | 13 |
| 398364655 | SSA4 | 75 | 6.23 | 3 | 14 | 16.20 | 9 | 93 | 9.66 | 5 | 26 | 3.89 | 2 | 10 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 398366603 | RPS17B | 350 | 26.47 | 3 | 9 | 33.82 | 4 | 12 | 8.82 | 1 | 3 | 11.76 | 1 | 1 |
| 6324533 | RPS15 | 332 | 30.28 | 3 | 13 | 22.54 | 2 | 12 | 7.75 | 1 | 1 | 0 | 0 | 0 |
| 6323104 | RPL10 | 7 | 4.98 | 1 | 5 | 18.10 | 2 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319396 | SSA3 | 62 | 6.16 | 3 | 6 | 14.79 | 9 | 90 | 11.86 | 6 | 16 | 2.00 | 1 | 1 |
| 6321786 | RPL14B | 25 | 21.74 | 2 | 17 | 28.26 | 4 | 65 | 13.04 | 2 | 2 | 0 | 0 | 0 |
| 6322847 | RPL14A | 25 | 21.74 | 2 | 17 | 28.26 | 4 | 65 | 13.04 | 2 | 2 | 0 | 0 | 0 |
| 6324670 | RPS7A | 92 | 44.21 | 6 | 31 | 41.05 | 6 | 28 | 5.26 | 1 | 1 | 0 | 0 | 0 |
| 6322668 | RPL17A | 107 | 15.76 | 2 | 18 | 15.76 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365285 | CAX4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322284 | RPL17B | 91 | 15.76 | 2 | 18 | 15.76 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364883 | RPS7B | 142 | 21.58 | 4 | 7 | 30.53 | 5 | 23 | 5.26 | 1 | 1 | 0 | 0 | 0 |
| 6323791 | RPL13B | 52 | 13.07 | 1 | 2 | 15.08 | 3 | 13 | 15.58 | 3 | 5 | 5.53 | 1 | 2 |
| 6320121 | RPL13A | 49 | 13.07 | 1 | 2 | 15.08 | 3 | 13 | 15.58 | 3 | 5 | 5.53 | 1 | 2 |
| 6324120 | SSB2 | 139 | 20.07 | 7 | 32 | 60.85 | 24 | 266 | 16.80 | 9 | 28 | 15.99 | 7 | 40 |
| 6323577 | RPS1B | 77 | 3.92 | 1 | 2 | 17.25 | 4 | 19 | 8.24 | 2 | 2 | 5.10 | 1 | 1 |
| 6325157 | ATG21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.66 | 1 | 1 |
| 6323474 | RPS1A | 62 | 3.92 | 1 | 2 | 17.25 | 4 | 19 | 3.14 | 1 | 1 | 0 | 0 | 0 |
| 398364725 | RPL23B | 78 | 25.55 | 2 | 5 | 35.04 | 5 | 27 | 10.95 | 1 | 1 | 0 | 0 | 0 |
| 6319972 | SSB1 | 133 | 23.49 | 8 | 36 | 56.44 | 23 | 270 | 16.80 | 9 | 28 | 15.99 | 7 | 40 |
| 154200011 | RPL20B | 16 | 0 | 0 | 0 | 10.47 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322989 | UBI4 | 24 | 0 | 0 | 0 | 32.89 | 2 | 78 | 32.89 | 2 | 34 | 21.05 | 1 | 1 |
| 9755341 | RPS16A | 88 | 18.18 | 2 | 3 | 39.86 | 5 | 23 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319378 | RPL32 | 105 | 0 | 0 | 0 | 22.31 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325061 | APL5 | 0 | 0 | 0 | 0 | 11.16 | 7 | 16 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364505 | RPS3 | 53 | 0 | 0 | 0 | 42.08 | 7 | 15 | 5.42 | 1 | 1 | 12.50 | 2 | 13 |
| 398365351 | RPS13 | 46 | 35.10 | 4 | 12 | 19.21 | 2 | 8 | 12.58 | 2 | 2 | 0 | 0 | 0 |
| 6324260 | RPL16B | 2 | 6.06 | 1 | 1 | 14.14 | 2 | 11 | 0 | 0 | 0 | 7.58 | 1 | 1 |
| 398365605 | RPS30B | 41 | 15.87 | 1 | 1 | 15.87 | 1 | 2 | 15.87 | 1 | 1 | 0 | 0 | 0 |
| 6323481 | RPL6B | 1 | 8.52 | 1 | 2 | 14.20 | 2 | 5 | 4.55 | 1 | 2 | 0 | 0 | 0 |
| 398365377 | RPS9B | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 4.62 | 1 | 2 | 8.21 | 1 | 4 |
| 6324265 | YDJ1 | 3 | 17.36 | 3 | 5 | 36.43 | 12 | 67 | 14.18 | 5 | 11 | 0 | 0 | 0 |
| 398364745 | ATP7 | 14 | 14.37 | 1 | 4 | 14.37 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321464 | RPS25A | 150 | 31.48 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323077 | RPS0B | 17 | 5.16 | 1 | 2 | 37.70 | 6 | 26 | 5.16 | 1 | 1 | 0 | 0 | 0 |
| 398365071 | RPS11A | 9 | 7.05 | 1 | 2 | 0 | 0 | 0 | 5.13 | 1 | 1 | 0 | 0 | 0 |
| 6321653 | RPS0A | 17 | 5.16 | 1 | 2 | 37.70 | 6 | 26 | 5.16 | 1 | 1 | 0 | 0 | 0 |
| 6323465 | CNA1 | 56 | 5.79 | 2 | 7 | 2.53 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6321335 | RPL28 | 14 | 7.38 | 2 | 2 | 10.07 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322505 | SSC1 | 32 | 2.75 | 1 | 1 | 31.80 | 13 | 64 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323567 | RPL6A | 1 | 8.52 | 1 | 2 | 8.52 | 1 | 4 | 4.55 | 1 | 2 | 0 | 0 | 0 |
| 6321754 | RPL8A | 45 | 4.30 | 1 | 2 | 34.77 | 7 | 20 | 12.11 | 3 | 8 | 4.30 | 1 | 1 |
| 6322984 | RPL8B | 47 | 4.30 | 1 | 2 | 34.77 | 7 | 20 | 12.11 | 3 | 8 | 4.30 | 1 | 1 |
| 6323615 | RPS18B | 18 | 8.22 | 1 | 1 | 27.40 | 4 | 6 | 15.07 | 2 | 3 | 7.53 | 1 | 1 |
| 398366307 | RPA190 | 0 | 0 | 0 | 0 | 14.30 | 14 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324637 | RPL3 | 0 | 0 | 0 | 0 | 2.07 | 1 | 3 | 2.07 | 1 | 1 | 0 | 0 | 0 |
| 6320128 | RPL31A | 13 | 28.32 | 3 | 29 | 14.16 | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366143 | RPL31B | 13 | 20.35 | 2 | 28 | 14.16 | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365761 | RPS23A | 2 | 7.59 | 1 | 3 | 7.59 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322137 | RPL34B | 1 | 14.05 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321315 | RPS2 | 19 | 0 | 0 | 0 | 19.29 | 3 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320949 | RPS8B | 13 | 6.50 | 1 | 1 | 35.50 | 5 | 15 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321798 | RPL27A | 2 | 17.65 | 2 | 5 | 25.74 | 3 | 12 | 10.29 | 1 | 1 | 16.91 | 2 | 8 |
| 6325176 | RPS9A | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 4.57 | 1 | 2 | 0 | 0 | 0 |
| 86558907 | RHR2 | 46 | 0 | 0 | 0 | 52.00 | 10 | 129 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322058 | RPL16A | 0 | 0 | 0 | 0 | 6.03 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324027 | RPS19B | 291 | 18.06 | 2 | 13 | 31.94 | 3 | 44 | 6.25 | 1 | 4 | 6.25 | 1 | 3 |
| 6323090 | RPL22A | 48 | 18.18 | 1 | 6 | 18.18 | 1 | 23 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320142 | RPS29B | 9 | 0 | 0 | 0 | 14.29 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324807 | KIN4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321522 | RPL11B | 22 | 0 | 0 | 0 | 7.47 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322583 | RPS5 | 82 | 6.67 | 1 | 9 | 20.89 | 4 | 56 | 4.89 | 1 | 2 | 4.89 | 1 | 1 |
| 6325126 | RPL5 | 4 | 5.72 | 1 | 1 | 8.75 | 2 | 6 | 3.03 | 1 | 1 | 0 | 0 | 0 |
| 6323073 | PDC1 | 42 | 19.72 | 6 | 16 | 36.41 | 12 | 62 | 1.78 | 1 | 1 | 0 | 0 | 0 |
| 398366277 | VMA4 | 44 | 6.44 | 1 | 2 | 41.20 | 8 | 51 | 20.17 | 4 | 6 | 0 | 0 | 0 |
| 6323824 | HOT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325066 | NAB3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364517 | RPS24A | 47 | 18.52 | 2 | 8 | 24.44 | 3 | 6 | 6.67 | 1 | 1 | 0 | 0 | 0 |
| 6321362 | RPL7A | 17 | 13.11 | 2 | 11 | 27.05 | 5 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325058 | RPL7B | 17 | 13.11 | 2 | 11 | 27.05 | 5 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362649 | GUS1 | 1 | 0 | 0 | 0 | 23.31 | 12 | 45 | 13.28 | 9 | 37 | 1.55 | 1 | 1 |
| 398365909 | RPL24B | 2 | 9.03 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324707 | EFT1 | 32 | 10.81 | 5 | 9 | 53.92 | 31 | 257 | 2.85 | 2 | 2 | 1.66 | 1 | 2 |
| 6323376 | RPL26A | 68 | 18.90 | 2 | 7 | 6.30 | 1 | 1 | 7.09 | 1 | 1 | 6.30 | 1 | 14 |
| 116006491 | RPL26B | 77 | 18.90 | 2 | 7 | 6.30 | 1 | 1 | 7.09 | 1 | 1 | 6.30 | 1 | 14 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6325006 | RPL36B | 116 | 0 | 0 | 0 | 19.00 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323848 | RPL36A | 116 | 0 | 0 | 0 | 19.00 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366579 | RPL12B | 14 | 0 | 0 | 0 | 28.48 | 3 | 7 | 9.09 | 1 | 2 | 0 | 0 | 0 |
| 6321540 | NOP7 | 0 | 0 | 0 | 0 | 7.60 | 3 | 6 | 1.65 | 1 | 1 | 0 | 0 | 0 |
| 398365599 | PDC6 | 15 | 3.37 | 1 | 2 | 3.37 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323163 | PDC5 | 15 | 3.37 | 1 | 2 | 5.15 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323583 | CMP2 | 23 | 3.81 | 1 | 2 | 0 | 0 | 0 | 1.82 | 1 | 1 | 0 | 0 | 0 |
| 398365991 | CLC1 | 28 | 6.87 | 1 | 3 | 6.87 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362619 | RXT2 | 0 | 0 | 0 | 0 | 3.49 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383793 | RPS14A | 59 | 8.03 | 1 | 3 | 51.82 | 6 | 25 | 0 | 0 | 0 | 9.49 | 1 | 9 |
| 6322271 | RPS22A | 13 | 12.31 | 1 | 6 | 19.23 | 2 | 15 | 17.69 | 2 | 3 | 0 | 0 | 0 |
| 6321407 | RPL24A | 3 | 9.03 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323357 | RPL38 | 48 | 33.33 | 2 | 6 | 19.23 | 1 | 23 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366183 | HTB1 | 5 | 0 | 0 | 0 | 18.32 | 2 | 10 | 0 | 0 | 0 | 11.45 | 1 | 3 |
| 398364287 | GCN1 | 0 | 0 | 0 | 0 | 18.90 | 39 | 116 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320016 | VMA1 | 3 | 0 | 0 | 0 | 23.81 | 18 | 89 | 0 | 0 | 0 | 1.77 | 2 | 30 |
| 14318481 | TUB2 | 6 | 0 | 0 | 0 | 42.67 | 13 | 62 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364585 | KAR2 | 19 | 0 | 0 | 0 | 15.84 | 7 | 27 | 1.76 | 1 | 13 | 1.76 | 1 | 9 |
| 6323196 | RPS31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321013 | PAB1 | 132 | 31.02 | 10 | 57 | 33.10 | 10 | 42 | 12.82 | 6 | 19 | 6.76 | 3 | 23 |
| 6324993 | FUM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366075 | RPS29A | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322755 | YJU2 | 0 | 0 | 0 | 0 | 3.96 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366059 | PLP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320718 | SMT3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365031 | YBR139W | 1 | 0 | 0 | 0 | 13.39 | 4 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321850 | FYV4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366083 | TDH3 | 286 | 28.61 | 5 | 15 | 66.27 | 14 | 354 | 14.16 | 5 | 9 | 4.52 | 1 | 28 |
| 6319279 | CDC19 | 107 | 3.60 | 1 | 1 | 65.40 | 26 | 504 | 21.80 | 9 | 14 | 32.80 | 12 | 206 |
| 6322468 | TDH2 | 257 | 15.06 | 3 | 7 | 46.99 | 12 | 245 | 14.16 | 5 | 9 | 4.52 | 1 | 28 |
| 6321249 | RPS26A | 23 | 5.88 | 1 | 1 | 12.61 | 1 | 14 | 0 | 0 | 0 | 12.61 | 1 | 3 |
| 6321772 | RPS20 | 1 | 0 | 0 | 0 | 22.31 | 3 | 11 | 0 | 0 | 0 | 29.75 | 3 | 27 |
| 14318474 | SEC53 | 1 | 10.24 | 1 | 1 | 14.17 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320589 | YRA1 | 33 | 0 | 0 | 0 | 5.75 | 1 | 4 | 18.58 | 4 | 9 | 0 | 0 | 0 |
| 6320805 | ECM10 | 3 | 2.80 | 1 | 1 | 3.73 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323776 | ECM16 | 0 | 0 | 0 | 0 | 3.55 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320596 | RVS167 | 0 | 4.15 | 1 | 1 | 32.99 | 10 | 87 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|----------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 398366359 | SLH1 | 0 | 0 | 0 | 0 | 1.63 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324321 | SIS1 | 10 | 0 | 0 | 0 | 12.50 | 3 | 9 | 9.38 | 3 | 5 | 7.39 | 2 | 7 |
| 6319447 | NCL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323112 | EMP70 | 0 | 0 | 0 | 0 | 3.90 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324595 | SFM1 | 0 | 0 | 0 | 0 | 8.92 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443411 | UBP13 | 0 | 0 | 0 | 0 | 6.83 | 3 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323868 | EFR3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443676 | CDC34 | 0 | 0 | 0 | 0 | 17.12 | 5 | 36 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320615 | TRS120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323487 | FMP27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320231 | REG1 | 0 | 0 | 0 | 0 | 0.89 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324585 | AUS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325048 | RKM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323732 | SEG1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364779 | YGL041W- | 6 | 13.64 | 1 | 2 | 13.64 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365827 | CAF130 | 0 | 0 | 0 | 0 | 1.07 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325063 | RSA1 | 0 | 0 | 0 | 0 | 3.15 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365559 | MSH6 | 0 | 0 | 0 | 0 | 1.05 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365727 | YNR034W- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323683 | YET2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443366 | GPB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325012 | HUT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 99030927 | KKQ8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364567 | MAD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320763 | RMD6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365009 | MEC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364407 | RPL9A | 18 | 0 | 0 | 0 | 23.04 | 3 | 16 | 6.28 | 1 | 1 | 0 | 0 | 0 |
| 6324298 | HHF2 | 22 | 0 | 0 | 0 | 33.01 | 3 | 11 | 29.13 | 3 | 9 | 0 | 0 | 0 |
| 6324262 | RPL9B | 7 | 0 | 0 | 0 | 23.04 | 3 | 8 | 6.28 | 1 | 1 | 0 | 0 | 0 |
| 398364523 | TDH1 | 86 | 4.22 | 1 | 1 | 48.19 | 11 | 182 | 16.27 | 5 | 12 | 4.52 | 1 | 28 |
| 398364951 | VMA2 | 31 | 10.06 | 3 | 9 | 66.54 | 26 | 515 | 5.80 | 3 | 4 | 0 | 0 | 0 |
| 6321333 | ARC1 | 0 | 0 | 0 | 0 | 25.00 | 6 | 40 | 8.24 | 3 | 10 | 0 | 0 | 0 |
| 6321408 | RPL30 | 31 | 16.19 | 1 | 1 | 45.71 | 3 | 19 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324445 | RPL25 | 12 | 0 | 0 | 0 | 19.01 | 2 | 3 | 9.15 | 1 | 14 | 0 | 0 | 0 |
| 6325114 | RPL33A | 0 | 0 | 0 | 0 | 24.30 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365881 | RPL33B | 0 | 0 | 0 | 0 | 24.30 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364339 | THS1 | 12 | 0 | 0 | 0 | 5.31 | 3 | 6 | 6.27 | 4 | 7 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6320637 | TIF35 | 0 | 0 | 0 | 0 | 13.50 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364223 | NPR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325390 | SPN1 | 1 | 0 | 0 | 0 | 16.83 | 5 | 25 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324578 | DNL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319291 | FRT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322242 | HXT9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322272 | RPL39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318518 | VTC2 | 0 | 0 | 0 | 0 | 1.93 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443752 | THI22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325175 | MOT1 | 0 | 0 | 0 | 0 | 1.50 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322796 | DEF1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.34 | 1 | 1 |
| 398365059 | PTK2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.98 | 1 | 1 | 0 | 0 | 0 |
| 6320345 | DOP1 | 0 | 0 | 0 | 0 | 1.06 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323863 | HFA1 | 0 | 0 | 0 | 0 | 1.04 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322948 | MLP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322999 | FRA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324491 | IRA2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324215 | RPC19 | 2 | 0 | 0 | 0 | 8.45 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320419 | UPC2 | 0 | 0 | 0 | 0 | 1.64 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364627 | RDH54 | 0 | 0 | 0 | 0 | 2.09 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321752 | VMR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321793 | TIM10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322032 | BNR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325074 | RTT10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325235 | RAD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323869 | CEF1 | 0 | 0 | 0 | 0 | 3.39 | 1 | 1 | 0 | 0 | 0 | 1.53 | 1 | 1 |
| 6323917 | TPS3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321552 | SPT6 | 0 | 0 | 0 | 0 | 4.27 | 5 | 15 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320853 | BIM1 | 0 | 0 | 0 | 0 | 6.98 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364243 | YEL043W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320027 | DLD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323356 | PEX30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320799 | ANP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324393 | YNR065C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323266 | THI7 | 0 | 2.51 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323445 | YLR413W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364667 | THO2 | 0 | 0 | 0 | 0 | 0.50 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|----------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 37362637 | JIP4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364707 | AAC3 | 2 | 0 | 0 | 0 | 3.91 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322570 | YMR1 | 0 | 0 | 0 | 0 | 3.78 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324879 | ISW2 | 0 | 0 | 0 | 0 | 5.09 | 5 | 14 | 0.80 | 1 | 1 | 0 | 0 | 0 |
| 10383772 | LEU2 | 1 | 0 | 0 | 0 | 6.32 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322079 | HOS4 | 0 | 0 | 0 | 0 | 1.57 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321210 | VID30 | 0 | 0 | 0 | 0 | 2.40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365701 | YNR029C | 0 | 0 | 0 | 0 | 5.83 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320692 | VPS52 | 0 | 0 | 0 | 0 | 4.21 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365525 | SMD1 | 0 | 0 | 0 | 0 | 17.12 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322086 | SLM1 | 2 | 0 | 0 | 0 | 6.85 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364897 | CBP6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323726 | NAM7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324982 | SAM4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320324 | VBA4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324612 | HIR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324981 | SAM3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325379 | AXL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321020 | BRR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324694 | GCY1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322312 | DAS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364625 | YKL033W- | 0 | 0 | 0 | 0 | 4.66 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320034 | NRP1 | 0 | 0 | 0 | 0 | 15.86 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325374 | YPR117W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324546 | MDM38 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323289 | LCB5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321205 | TAN1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319351 | PHO11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319523 | REB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320921 | YER077C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.76 | 1 | 1 | 0 | 0 | 0 |
| 6320826 | GLC3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.41 | 1 | 1 | 0 | 0 | 0 |
| 398365141 | INP53 | 0 | 0 | 0 | 0 | 1.26 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366583 | SIP1 | 0 | 0 | 0 | 0 | 1.84 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364669 | MAD3 | 0 | 0 | 0 | 0 | 3.88 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322700 | DBR1 | 0 | 0 | 0 | 0 | 2.72 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323317 | YLR287C | 0 | 0 | 0 | 0 | 3.66 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365819 | SAN1 | 0 | 0 | 0 | 0 | 3.28 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|----------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 398365335 | YNL033W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33438893 | YPL119C- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322579 | JHD2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324141 | KAR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383756 | LRE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364917 | NHP10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323035 | NSE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50593425 | OMA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321910 | ORC6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322494 | PET191 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365057 | SPO14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364971 | TRP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365003 | PSF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321697 | RAD2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319525 | REG2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320271 | RTR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324162 | SKO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366633 | SNM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322778 | STB6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325081 | TRE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324447 | TRM13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323236 | HRD3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325184 | UBP16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364885 | UBP5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325071 | UIP4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365127 | UIP5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319904 | YIH1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325266 | SUT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324449 | HRP1 | 2 | 4.31 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323278 | YEF3 | 20 | 3.07 | 2 | 3 | 16.00 | 11 | 30 | 5.36 | 5 | 30 | 0.77 | 1 | 1 |
| 6322084 | PFK26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323057 | RPL15A | 2 | 0 | 0 | 0 | 13.73 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323769 | RPL15B | 2 | 0 | 0 | 0 | 13.73 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319282 | FUN12 | 0 | 0 | 0 | 0 | 30.04 | 18 | 110 | 5.79 | 6 | 8 | 0 | 0 | 0 |
| 6320190 | NOP1 | 10 | 0 | 0 | 0 | 37.92 | 10 | 33 | 18.96 | 6 | 20 | 0 | 0 | 0 |
| 6323654 | CLU1 | 0 | 0 | 0 | 0 | 22.87 | 21 | 89 | 9.55 | 12 | 19 | 0 | 0 | 0 |
| 6324886 | NOP58 | 0 | 6.85 | 2 | 2 | 34.44 | 11 | 70 | 10.18 | 4 | 4 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6321807 | DED81 | 6 | 0 | 0 | 0 | 6.86 | 3 | 5 | 1.99 | 1 | 1 | 9.39 | 4 | 48 |
| 398364767 | SUI2 | 0 | 0 | 0 | 0 | 16.78 | 3 | 9 | 3.62 | 1 | 2 | 0 | 0 | 0 |
| 6323011 | DPS1 | 4 | 0 | 0 | 0 | 6.82 | 3 | 3 | 7.18 | 4 | 5 | 5.75 | 2 | 21 |
| 6323885 | RRP5 | 1 | 0 | 0 | 0 | 9.66 | 11 | 30 | 1.27 | 2 | 2 | 0 | 0 | 0 |
| 398366547 | RPP2B | 16 | 0 | 0 | 0 | 53.64 | 4 | 8 | 10.00 | 1 | 1 | 0 | 0 | 0 |
| 6323288 | HSP60 | 50 | 2.80 | 1 | 1 | 37.76 | 18 | 112 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321599 | NSR1 | 0 | 0 | 0 | 0 | 16.91 | 5 | 11 | 9.90 | 4 | 4 | 0 | 0 | 0 |
| 6320863 | GCD11 | 0 | 0 | 0 | 0 | 26.76 | 10 | 38 | 10.06 | 5 | 10 | 3.04 | 1 | 2 |
| 398366591 | NPL3 | 19 | 19.32 | 4 | 14 | 11.84 | 3 | 13 | 11.84 | 3 | 53 | 3.38 | 1 | 1 |
| 6319483 | IPP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325221 | PMA2 | 1 | 0 | 0 | 0 | 6.65 | 4 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322745 | GFA1 | 3 | 0 | 0 | 0 | 30.82 | 14 | 92 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364525 | LSG1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.72 | 1 | 4 | 0 | 0 | 0 |
| 6325038 | SAR1 | 0 | 15.79 | 2 | 3 | 86.32 | 13 | 152 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323840 | HSC82 | 44 | 7.94 | 3 | 3 | 37.45 | 24 | 300 | 4.96 | 3 | 3 | 1.99 | 1 | 1 |
| 6321881 | GAR1 | 0 | 0 | 0 | 0 | 32.68 | 4 | 22 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320164 | NAT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.63 | 3 | 5 | 0 | 0 | 0 |
| 398366403 | RPS12 | 1 | 0 | 0 | 0 | 39.86 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322830 | CDC16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443397 | ATP1 | 14 | 0 | 0 | 0 | 42.57 | 17 | 114 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324709 | IDH2 | 3 | 0 | 0 | 0 | 44.17 | 9 | 76 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325178 | RPL21B | 4 | 0 | 0 | 0 | 5.63 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321903 | UBA4 | 0 | 0 | 0 | 0 | 4.09 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325138 | DBP1 | 12 | 1.78 | 1 | 1 | 6.16 | 3 | 7 | 3.24 | 2 | 10 | 0 | 0 | 0 |
| 6325248 | TAE2 | 0 | 0 | 0 | 0 | 4.14 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443505 | DBP10 | 0 | 0 | 0 | 0 | 8.64 | 6 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320148 | PSA1 | 4 | 4.99 | 1 | 2 | 62.88 | 15 | 983 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325016 | HSP82 | 40 | 4.09 | 2 | 2 | 36.39 | 22 | 248 | 4.94 | 3 | 3 | 1.97 | 1 | 1 |
| 6320874 | ARB1 | 0 | 0 | 0 | 0 | 26.39 | 11 | 49 | 6.07 | 3 | 3 | 0 | 0 | 0 |
| 6319673 | PGI1 | 2 | 0 | 0 | 0 | 8.12 | 3 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365251 | GSC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.53 | 1 | 1 | 0 | 0 | 0 |
| 6325018 | SUI3 | 3 | 0 | 0 | 0 | 18.25 | 4 | 14 | 9.47 | 3 | 5 | 0 | 0 | 0 |
| 6323374 | FKS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.53 | 1 | 1 | 0 | 0 | 0 |
| 14318479 | ACT1 | 19 | 7.73 | 2 | 4 | 24.80 | 5 | 27 | 2.67 | 1 | 1 | 0 | 0 | 0 |
| 6323554 | TUB1 | 4 | 0 | 0 | 0 | 25.73 | 8 | 66 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321724 | ZUO1 | 2 | 0 | 0 | 0 | 3.70 | 1 | 1 | 2.77 | 1 | 1 | 2.31 | 1 | 1 |
| 6320842 | NUG1 | 0 | 0 | 0 | 0 | 27.31 | 10 | 32 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6322652 | YKT6 | 2 | 0 | 0 | 0 | 56.00 | 9 | 79 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321706 | FOL2 | 0 | 0 | 0 | 0 | 3.70 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319546 | HSP26 | 13 | 0 | 0 | 0 | 30.84 | 5 | 11 | 5.14 | 2 | 3 | 22.43 | 3 | 112 |
| 398364355 | RPL29 | 2 | 32.20 | 2 | 2 | 13.56 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365973 | TIF4631 | 6 | 0 | 0 | 0 | 18.91 | 10 | 35 | 1.16 | 1 | 1 | 0 | 0 | 0 |
| 6321929 | ARO9 | 0 | 0 | 0 | 0 | 6.63 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321808 | YHR020W | 8 | 2.76 | 1 | 1 | 41.13 | 18 | 64 | 2.33 | 1 | 2 | 0 | 0 | 0 |
| 6323729 | ADH3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319395 | ILS1 | 2 | 0 | 0 | 0 | 4.20 | 3 | 3 | 0 | 0 | 0 | 1.59 | 1 | 1 |
| 6323969 | NIP1 | 4 | 0 | 0 | 0 | 5.30 | 3 | 6 | 1.23 | 1 | 1 | 0 | 0 | 0 |
| 6322666 | FAS1 | 8 | 0.93 | 1 | 1 | 12.14 | 16 | 48 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323568 | TCB3 | 0 | 0 | 0 | 0 | 1.04 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366505 | HXT7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322289 | CPS1 | 0 | 0 | 0 | 0 | 5.21 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366285 | ALA1 | 4 | 0 | 0 | 0 | 10.86 | 8 | 19 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319553 | RPG1 | 15 | 0 | 0 | 0 | 7.78 | 5 | 9 | 1.24 | 1 | 1 | 0 | 0 | 0 |
| 6325298 | TIF5 | 0 | 0 | 0 | 0 | 3.21 | 1 | 2 | 2.72 | 1 | 1 | 0 | 0 | 0 |
| 398366229 | FAA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323613 | TSA1 | 11 | 0 | 0 | 0 | 33.16 | 6 | 23 | 4.08 | 1 | 1 | 0 | 0 | 0 |
| 6323183 | RNH203 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320359 | CPR1 | 0 | 0 | 0 | 0 | 20.99 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321236 | ARO8 | 0 | 0 | 0 | 0 | 8.80 | 3 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323861 | PFK2 | 42 | 2.50 | 1 | 1 | 16.58 | 9 | 42 | 0 | 0 | 0 | 5.94 | 4 | 11 |
| 398365253 | TIF1 | 21 | 4.05 | 1 | 1 | 52.66 | 15 | 215 | 5.32 | 2 | 2 | 0 | 0 | 0 |
| 6323511 | TUB3 | 3 | 0 | 0 | 0 | 18.20 | 5 | 54 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362625 | SRO9 | 10 | 25.58 | 5 | 11 | 28.34 | 7 | 57 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365115 | BMH1 | 9 | 0 | 0 | 0 | 38.95 | 8 | 37 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366063 | TYS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.03 | 1 | 2 | 0 | 0 | 0 |
| 6323002 | HSP104 | 2 | 0 | 0 | 0 | 14.98 | 10 | 24 | 3.85 | 3 | 3 | 0 | 0 | 0 |
| 6324902 | MYO2 | 0 | 0 | 0 | 0 | 15.76 | 17 | 50 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323947 | HAS1 | 0 | 0 | 0 | 0 | 12.08 | 5 | 11 | 4.36 | 2 | 2 | 0 | 0 | 0 |
| 6320376 | HSP42 | 0 | 0 | 0 | 0 | 2.93 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364255 | HYP2 | 0 | 0 | 0 | 0 | 11.46 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320809 | SNU13 | 0 | 19.05 | 1 | 2 | 36.51 | 2 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323021 | DRS1 | 0 | 0 | 0 | 0 | 16.49 | 8 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366329 | PYK2 | 4 | 0 | 0 | 0 | 1.98 | 1 | 17 | 1.98 | 1 | 1 | 1.98 | 1 | 22 |
| 398365741 | NOC2 | 0 | 0 | 0 | 0 | 7.46 | 4 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6321027 | DMC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364483 | HOR2 | 27 | 0 | 0 | 0 | 19.20 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365429 | PDR5 | 1 | 0 | 0 | 0 | 3.64 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325245 | RRP12 | 0 | 0 | 0 | 0 | 6.03 | 6 | 22 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364937 | TOP2 | 0 | 0 | 0 | 0 | 0.91 | 1 | 1 | 0.77 | 1 | 1 | 1 | 0 | 0 |
| 6324660 | TCB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320056 | COP1 | 0 | 0 | 0 | 0 | 23.23 | 18 | 55 | 0.67 | 1 | 1 | 0 | 0 | 0 |
| 398365597 | BMH2 | 9 | 0 | 0 | 0 | 29.30 | 6 | 32 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325030 | NEW1 | 1 | 0 | 0 | 0 | 6.19 | 5 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321809 | RPS27B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321012 | CHD1 | 0 | 0 | 0 | 0 | 8.45 | 9 | 24 | 0.68 | 1 | 1 | 0 | 0 | 0 |
| 6320499 | SSD1 | 0 | 0 | 0 | 0 | 1.60 | 1 | 1 | 1.28 | 2 | 3 | 0 | 0 | 0 |
| 6323072 | TRX1 | 0 | 0 | 0 | 0 | 41.75 | 4 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325238 | VTC3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365319 | MAK21 | 0 | 0 | 0 | 0 | 7.41 | 6 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364327 | LSB3 | 0 | 0 | 0 | 0 | 40.09 | 11 | 86 | 1.74 | 1 | 1 | 3.92 | 1 | 14 |
| 6319513 | ATP3 | 30 | 0 | 0 | 0 | 33.12 | 7 | 36 | 13.50 | 4 | 4 | 0 | 0 | 0 |
| 6324140 | SRP1 | 0 | 0 | 0 | 0 | 16.42 | 5 | 15 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324297 | HHT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323306 | DBP9 | 0 | 0 | 0 | 0 | 15.32 | 7 | 20 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324039 | RFC3 | 0 | 0 | 0 | 0 | 12.94 | 3 | 7 | 2.65 | 1 | 1 | 0 | 0 | 0 |
| 6321193 | RTF1 | 0 | 0 | 0 | 0 | 5.73 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366149 | TRX2 | 0 | 0 | 0 | 0 | 67.31 | 7 | 22 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322452 | CCT8 | 2 | 0 | 0 | 0 | 51.23 | 20 | 82 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321679 | PFK1 | 7 | 0 | 0 | 0 | 17.02 | 11 | 34 | 0 | 0 | 0 | 5.37 | 3 | 3 |
| 6324219 | NOP15 | 0 | 0 | 0 | 0 | 5.91 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443717 | CTR9 | 0 | 0 | 0 | 0 | 4.36 | 3 | 4 | 2.32 | 1 | 1 | 0 | 0 | 0 |
| 6323755 | ILV2 | 4 | 3.06 | 1 | 1 | 31.00 | 13 | 140 | 6.55 | 2 | 2 | 0 | 0 | 0 |
| 6320276 | PAA1 | 0 | 0 | 0 | 0 | 18.85 | 3 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6681849 | RPL42A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318517 | SEC4 | 0 | 0 | 0 | 0 | 13.02 | 2 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320400 | MSS116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321389 | TIF4632 | 4 | 0 | 0 | 0 | 2.08 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324081 | RPA49 | 0 | 0 | 0 | 0 | 28.67 | 7 | 22 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366347 | MES1 | 0 | 0 | 0 | 0 | 19.17 | 10 | 25 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320418 | TCP1 | 6 | 0 | 0 | 0 | 49.19 | 18 | 126 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365595 | PIL1 | 16 | 5.31 | 1 | 2 | 20.94 | 5 | 16 | 2.95 | 1 | 1 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 398364417 | SAH1 | 1 | 0 | 0 | 0 | 17.59 | 7 | 24 | 2.45 | 1 | 1 | 0 | 0 | 0 |
| 6320396 | RVB1 | 0 | 0 | 0 | 0 | 44.28 | 13 | 88 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320077 | CDC48 | 6 | 0 | 0 | 0 | 27.54 | 15 | 84 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325025 | FAS2 | 8 | 0 | 0 | 0 | 8.69 | 9 | 18 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324517 | THI20 | 0 | 0 | 0 | 0 | 3.09 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323030 | NOC3 | 0 | 0 | 0 | 0 | 3.77 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320143 | TSR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321318 | PRP43 | 0 | 0 | 0 | 0 | 14.86 | 8 | 18 | 3.91 | 3 | 4 | 0 | 0 | 0 |
| 6319618 | MAK5 | 0 | 0 | 0 | 0 | 3.36 | 2 | 7 | 1.42 | 1 | 1 | 0 | 0 | 0 |
| 398364755 | URB1 | 0 | 0 | 0 | 0 | 1.42 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320780 | POL5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325021 | RVB2 | 2 | 0 | 0 | 0 | 32.70 | 11 | 48 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322350 | CCT7 | 1 | 0 | 0 | 0 | 25.09 | 10 | 59 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14270688 | UTP20 | 0 | 0 | 0 | 0 | 1.72 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324197 | KRE33 | 0 | 0 | 0 | 0 | 10.89 | 7 | 11 | 0.85 | 1 | 2 | 0 | 0 | 0 |
| 6321816 | RPN1 | 0 | 0 | 0 | 0 | 8.86 | 6 | 25 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322901 | NAP1 | 3 | 0 | 0 | 0 | 20.38 | 5 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320030 | GLT1 | 3 | 0 | 0 | 0 | 14.73 | 21 | 65 | 0 | 0 | 0 | 0.56 | 1 | 2 |
| 6323470 | CAR2 | 2 | 0 | 0 | 0 | 11.32 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320956 | KAP123 | 1 | 0 | 0 | 0 | 44.38 | 29 | 205 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365941 | SEC7 | 0 | 0 | 0 | 0 | 13.64 | 16 | 49 | 0 | 0 | 0 | 0.40 | 1 | 1 |
| 6323324 | GSP1 | 0 | 0 | 0 | 0 | 20.55 | 4 | 14 | 4.57 | 1 | 1 | 0 | 0 | 0 |
| 6322697 | GPM1 | 24 | 4.86 | 1 | 2 | 45.75 | 10 | 136 | 14.17 | 3 | 5 | 12.15 | 2 | 10 |
| 6325013 | SRP68 | 0 | 0 | 0 | 0 | 9.68 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322103 | AVT7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322049 | CCT2 | 5 | 6.45 | 2 | 3 | 59.58 | 20 | 111 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443694 | SLA2 | 0 | 0 | 0 | 0 | 23.66 | 13 | 39 | 2.07 | 2 | 2 | 0 | 0 | 0 |
| 6321804 | YSC84 | 0 | 0 | 0 | 0 | 25.00 | 7 | 42 | 1.71 | 1 | 1 | 0 | 0 | 0 |
| 398366021 | CCT6 | 1 | 0 | 0 | 0 | 42.86 | 14 | 63 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324042 | SEC21 | 0 | 0 | 0 | 0 | 16.79 | 9 | 22 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364741 | SCS2 | 0 | 0 | 0 | 0 | 12.30 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325253 | LSP1 | 26 | 0 | 0 | 0 | 18.48 | 4 | 17 | 3.52 | 1 | 1 | 0 | 0 | 0 |
| 6321390 | RPT6 | 1 | 0 | 0 | 0 | 6.42 | 2 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364807 | PNC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325164 | NOG1 | 0 | 0 | 0 | 0 | 9.27 | 4 | 9 | 0 | 0 | 0 | 1.85 | 1 | 1 |
| 6319814 | GRX1 | 0 | 0 | 0 | 0 | 31.82 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322823 | MAE1 | 0 | 2.39 | 1 | 2 | 29.00 | 11 | 83 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6320255 | TPI1 | 4 | 0 | 0 | 0 | 8.06 | 1 | 3 | 0 | 0 | 0 | 6.05 | 1 | 2 |
| 6320983 | GDI1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365205 | RPT5 | 0 | 5.99 | 2 | 2 | 33.64 | 10 | 39 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324992 | KEL3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.54 | 1 | 1 | 0 | 0 | 0 |
| 6323028 | DNM1 | 0 | 0 | 0 | 0 | 20.48 | 10 | 28 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365977 | RPT4 | 1 | 0 | 0 | 0 | 16.93 | 5 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320058 | CCT4 | 1 | 0 | 0 | 0 | 21.59 | 7 | 48 | 1.52 | 1 | 1 | 3.03 | 1 | 2 |
| 6320379 | HMO1 | 0 | 0 | 0 | 0 | 4.88 | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322508 | CYC1 | 0 | 0 | 0 | 0 | 7.34 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325137 | VPS30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321301 | SEC27 | 0 | 0 | 0 | 0 | 16.20 | 10 | 39 | 0 | 0 | 0 | 1.80 | 1 | 2 |
| 6321673 | YHB1 | 0 | 0 | 0 | 0 | 42.86 | 10 | 72 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27469359 | SYN8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324433 | CDC33 | 0 | 0 | 0 | 0 | 30.52 | 6 | 27 | 7.51 | 1 | 1 | 0 | 0 | 0 |
| 6323571 | POB3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365157 | NOP2 | 0 | 0 | 0 | 0 | 8.90 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321228 | YPT32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366559 | RPT3 | 1 | 0 | 0 | 0 | 23.36 | 6 | 37 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322704 | RPT1 | 2 | 0 | 0 | 0 | 13.92 | 5 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366379 | PRT1 | 1 | 0 | 0 | 0 | 6.29 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365125 | PDA1 | 3 | 0 | 0 | 0 | 8.57 | 3 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364913 | GND1 | 23 | 2.86 | 1 | 3 | 12.07 | 4 | 11 | 0 | 0 | 0 | 14.31 | 5 | 13 |
| 6322637 | SAC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365933 | CYS4 | 17 | 4.14 | 1 | 1 | 46.15 | 15 | 97 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323903 | FAA4 | 0 | 0 | 0 | 0 | 12.39 | 6 | 22 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319806 | PDI1 | 10 | 0 | 0 | 0 | 4.21 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323512 | PHO84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325367 | RPC40 | 0 | 0 | 0 | 0 | 25.07 | 5 | 18 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319835 | GBP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.26 | 3 | 4 | 0 | 0 | 0 |
| 6319290 | MYO4 | 0 | 0 | 0 | 0 | 8.16 | 9 | 15 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318531 | GCN20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320869 | YPT31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365617 | UTP22 | 0 | 0 | 0 | 0 | 7.03 | 6 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366209 | RTN1 | 5 | 0 | 0 | 0 | 5.76 | 1 | 2 | 4.07 | 1 | 1 | 4.07 | 1 | 1 |
| 6325097 | CDC60 | 0 | 0 | 0 | 0 | 1.38 | 1 | 1 | 1.01 | 1 | 1 | 0 | 0 | 0 |
| 6323294 | RPS28B | 1 | 0 | 0 | 0 | 31.34 | 2 | 4 | 13.43 | 1 | 1 | 13.43 | 1 | 2 |
| 6325151 | SSE1 | 29 | 0 | 0 | 0 | 38.96 | 18 | 117 | 0 | 0 | 0 | 1.59 | 1 | 1 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 398364441 | NOT3 | 0 | 0 | 0 | 0 | 9.21 | 5 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366191 | RPN13 | 0 | 0 | 0 | 0 | 28.21 | 3 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321453 | YGR016W | 0 | 0 | 0 | 0 | 5.26 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320930 | ILV1 | 1 | 0 | 0 | 0 | 48.96 | 17 | 97 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323016 | PUF3 | 0 | 0 | 0 | 0 | 3.19 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362700 | SRP72 | 0 | 0 | 0 | 0 | 21.88 | 9 | 21 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321326 | TAF6 | 0 | 3.49 | 1 | 1 | 12.98 | 4 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322565 | ADO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319722 | ISW1 | 0 | 0 | 0 | 0 | 5.58 | 6 | 16 | 0.80 | 1 | 1 | 0 | 0 | 0 |
| 330443605 | SET2 | 0 | 0 | 0 | 0 | 3.00 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365101 | ARP3 | 0 | 0 | 0 | 0 | 17.59 | 5 | 8 | 0 | 0 | 0 | 1.78 | 1 | 1 |
| 6321780 | STE20 | 0 | 0 | 0 | 0 | 9.80 | 5 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321776 | PRS3 | 0 | 0 | 0 | 0 | 37.50 | 9 | 34 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323214 | RPL37A | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321757 | ECM29 | 0 | 0 | 0 | 0 | 8.57 | 12 | 19 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365069 | ADH5 | 1 | 0 | 0 | 0 | 2.28 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365695 | CPR8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319854 | RVS161 | 0 | 7.92 | 1 | 1 | 56.98 | 11 | 106 | 4.15 | 1 | 2 | 0 | 0 | 0 |
| 6324620 | DBP5 | 0 | 0 | 0 | 0 | 49.79 | 15 | 66 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321399 | YGL039W | 0 | 0 | 0 | 0 | 16.95 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365061 | SUP45 | 1 | 0 | 0 | 0 | 44.62 | 14 | 69 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324673 | KTR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323387 | ILV5 | 0 | 5.32 | 1 | 1 | 5.32 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323795 | TIF34 | 0 | 5.48 | 1 | 1 | 36.31 | 8 | 19 | 2.31 | 1 | 1 | 0 | 0 | 0 |
| 6322667 | PRS1 | 2 | 0 | 0 | 0 | 18.27 | 6 | 21 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320910 | RGI1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365575 | HOM6 | 0 | 6.69 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323916 | TIF11 | 0 | 0 | 0 | 0 | 7.84 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321612 | RBG2 | 10 | 0 | 0 | 0 | 21.74 | 5 | 20 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323225 | PWP1 | 0 | 0 | 0 | 0 | 2.26 | 1 | 1 | 3.99 | 2 | 2 | 0 | 0 | 0 |
| 6324737 | SSP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323450 | CDC73 | 0 | 0 | 0 | 0 | 2.54 | 1 | 1 | 0 | 0 | 0 | 3.56 | 1 | 1 |
| 398365461 | SRP40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320708 | RPL37B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364957 | MKT1 | 0 | 0 | 0 | 0 | 7.71 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320079 | YDL124W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364371 | RSC8 | 0 | 0 | 0 | 0 | 6.46 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6321024 | ECM32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362660 | FUR1 | 0 | 8.80 | 1 | 2 | 33.33 | 4 | 17 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364665 | SEC18 | 2 | 0 | 0 | 0 | 24.93 | 14 | 43 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323391 | ADE13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323699 | STV1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321412 | TRP5 | 8 | 0 | 0 | 0 | 56.58 | 26 | 212 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321973 | OYE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321801 | ARD1 | 0 | 0 | 0 | 0 | 6.30 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383761 | HIS4 | 0 | 0 | 0 | 0 | 2.13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365759 | SAC6 | 0 | 0 | 0 | 0 | 16.20 | 6 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321721 | BGL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364979 | CCZ1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42742256 | VTC4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321814 | THR1 | 0 | 0 | 0 | 0 | 21.57 | 5 | 20 | 0 | 0 | 0 | 3.08 | 1 | 1 |
| 10383798 | PHO87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319847 | CDC10 | 0 | 0 | 0 | 0 | 11.49 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365363 | URA8 | 0 | 0 | 0 | 0 | 11.25 | 3 | 21 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323138 | AHP1 | 0 | 0 | 0 | 0 | 11.36 | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320657 | UTP6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321919 | YHR127W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41629688 | PSP2 | 0 | 0 | 0 | 0 | 7.08 | 3 | 22 | 11.80 | 5 | 10 | 0 | 0 | 0 |
| 398364633 | APS3 | 0 | 0 | 0 | 0 | 11.86 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322843 | MRT4 | 0 | 0 | 0 | 0 | 24.15 | 4 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443486 | PAT1 | 1 | 0 | 0 | 0 | 9.30 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362659 | RRP3 | 0 | 0 | 0 | 0 | 31.34 | 11 | 42 | 2.20 | 1 | 1 | 0 | 0 | 0 |
| 6320845 | SEC3 | 0 | 0 | 0 | 0 | 7.49 | 6 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324791 | RFC1 | 0 | 0 | 0 | 0 | 7.32 | 5 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325369 | MRD1 | 0 | 0 | 0 | 0 | 6.76 | 5 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322635 | YRA2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.36 | 1 | 1 | 0 | 0 | 0 |
| 6320368 | SEC1 | 0 | 0 | 0 | 0 | 21.69 | 9 | 31 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364935 | UBP3 | 0 | 2.30 | 2 | 2 | 4.93 | 3 | 10 | 0.99 | 1 | 1 | 0 | 0 | 0 |
| 6320789 | GLY1 | 0 | 0 | 0 | 0 | 4.65 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325172 | SEC16 | 0 | 0 | 0 | 0 | 8.75 | 11 | 25 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364311 | TMA20 | 0 | 0 | 0 | 0 | 6.08 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320926 | UTP7 | 0 | 0 | 0 | 0 | 3.25 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443568 | ENP2 | 0 | 0 | 0 | 0 | 2.12 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324328 | CIT1 | 0 | 0 | 0 | 0 | 2.51 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6322845 | CAP1 | 1 | 0 | 0 | 0 | 13.06 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323625 | PPZ1 | 0 | 0 | 0 | 0 | 3.90 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321267 | ROK1 | 0 | 0 | 0 | 0 | 9.04 | 3 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321422 | KAP122 | 0 | 0 | 0 | 0 | 6.66 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323717 | ABF2 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27808701 | IST2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322942 | TGL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319307 | CYS3 | 2 | 0 | 0 | 0 | 7.87 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322719 | SHE2 | 0 | 0 | 0 | 0 | 10.98 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323837 | SSO2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319923 | SRB8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321290 | ARO2 | 0 | 0 | 0 | 0 | 6.65 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325072 | MRN1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324291 | IDH1 | 0 | 0 | 0 | 0 | 14.72 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325024 | SSO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366609 | PPN1 | 0 | 0 | 0 | 0 | 2.82 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323639 | GLO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321832 | NCP1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364239 | FRD1 | 0 | 0 | 0 | 0 | 3.40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320235 | PST2 | 5 | 0 | 0 | 0 | 19.70 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322770 | VMA5 | 0 | 4.34 | 1 | 2 | 38.27 | 11 | 105 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325209 | CAM1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5.06 | 2 | 2 | 0 | 0 | 0 |
| 6320041 | DHH1 | 4 | 0 | 0 | 0 | 29.25 | 10 | 53 | 6.32 | 3 | 4 | 0 | 0 | 0 |
| 6323635 | ERG6 | 0 | 0 | 0 | 0 | 4.70 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319698 | PDB1 | 0 | 0 | 0 | 0 | 17.21 | 4 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365225 | IMD2 | 0 | 0 | 0 | 0 | 4.40 | 2 | 3 | 0 | 0 | 0 | 2.87 | 1 | 1 |
| 6324990 | DIP5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323585 | IMD4 | 2 | 3.05 | 1 | 1 | 5.92 | 2 | 3 | 0 | 0 | 0 | 2.86 | 1 | 1 |
| 6323386 | TAL1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366255 | IMD3 | 2 | 3.06 | 1 | 1 | 5.93 | 2 | 3 | 0 | 0 | 0 | 2.87 | 1 | 1 |
| 6319426 | COR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364269 | SEC24 | 0 | 0 | 0 | 0 | 3.13 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320695 | RIB3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364515 | URM1 | 0 | 0 | 0 | 0 | 13.13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364803 | GLC7 | 0 | 0 | 0 | 0 | 19.55 | 4 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365877 | HOM2 | 1 | 0 | 0 | 0 | 20.82 | 5 | 19 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324428 | NOP8 | 0 | 0 | 0 | 0 | 2.69 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6324550 | IFM1 | 0 | 0 | 0 | 0 | 1.92 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324950 | ALD4 | 1 | 0 | 0 | 0 | 6.55 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324635 | CKA2 | 0 | 0 | 0 | 0 | 17.11 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319849 | YCP4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325202 | LGE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366027 | SUR4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321641 | PCT1 | 0 | 0 | 0 | 0 | 4.72 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325280 | EAF3 | 0 | 0 | 0 | 0 | 6.98 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320803 | MCM3 | 0 | 0 | 0 | 0 | 14.52 | 10 | 24 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323872 | SKY1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325140 | IDI1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320049 | SAS10 | 0 | 0 | 0 | 0 | 5.74 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324989 | DIM1 | 0 | 0 | 0 | 0 | 9.12 | 3 | 4 | 3.46 | 1 | 1 | 0 | 0 | 0 |
| 398366039 | PBP1 | 14 | 7.62 | 3 | 7 | 16.20 | 7 | 26 | 3.32 | 2 | 2 | 0 | 0 | 0 |
| 6323088 | REX2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324899 | PRO2 | 0 | 0 | 0 | 0 | 4.17 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365467 | YNL010W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41629671 | SEA4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320704 | PUF6 | 0 | 0 | 0 | 0 | 1.68 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323650 | PLB1 | 0 | 0 | 0 | 0 | 6.33 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323158 | DIP2 | 0 | 0 | 0 | 0 | 1.27 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322727 | SRP21 | 0 | 0 | 0 | 0 | 4.79 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318504 | MDJ1 | 0 | 0 | 0 | 0 | 10.76 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322878 | GCN3 | 0 | 0 | 0 | 0 | 16.39 | 3 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443380 | PSK1 | 0 | 0 | 0 | 0 | 5.16 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364789 | UFD4 | 0 | 0 | 0 | 0 | 8.56 | 8 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319903 | PWP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324613 | CKB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324568 | TOP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365393 | MDM32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322731 | VPH2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323653 | HXT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320236 | MRH1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364559 | NSP1 | 2 | 1.82 | 1 | 1 | 2.07 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321498 | ADE6 | 0 | 0 | 0 | 0 | 6.55 | 6 | 16 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319326 | ADE1 | 0 | 0 | 0 | 0 | 3.92 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321812 | MYO1 | 14 | 0 | 0 | 0 | 3.37 | 5 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 398365005 | RIX1 | 0 | 0 | 0 | 0 | 3.01 | 2 | 5 | 0 | 0 | 0 | 4.59 | 1 | 1 |
| 6323975 | YMR315 | 1 | 0 | 0 | 0 | 4.01 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323740 | UTP15 | 0 | 0 | 0 | 0 | 3.70 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322743 | AAT1 | 0 | 0 | 0 | 0 | 2.22 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323033 | SSL1 | 0 | 0 | 0 | 0 | 3.90 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365521 | SWT1 | 0 | 0 | 0 | 0 | 2.84 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365403 | NUP133 | 0 | 0 | 0 | 0 | 1.12 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319276 | CDC24 | 0 | 0 | 0 | 0 | 1.76 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323251 | UTP13 | 0 | 0 | 0 | 0 | 2.45 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321913 | LSM12 | 7 | 16.04 | 2 | 7 | 25.13 | 3 | 20 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322257 | RCY1 | 0 | 0 | 0 | 0 | 7.14 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319900 | RSC6 | 0 | 0 | 0 | 0 | 8.90 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364743 | IRC2 | 0 | 0 | 0 | 0 | 15.97 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320070 | CDC53 | 2 | 0 | 0 | 0 | 5.40 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364601 | NFU1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323229 | YKE2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322154 | CKA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323687 | IOC4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325372 | RGC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325234 | MET12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383790 | RHB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383792 | SYP1 | 8 | 0 | 0 | 0 | 14.94 | 7 | 14 | 1.72 | 1 | 1 | 0 | 0 | 0 |
| 398365079 | SEC9 | 0 | 0 | 0 | 0 | 2.46 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365907 | APM3 | 0 | 0 | 0 | 0 | 6.00 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322783 | YNK1 | 0 | 0 | 0 | 0 | 18.95 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324470 | TPT1 | 0 | 0 | 0 | 0 | 22.17 | 2 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321843 | CIC1 | 0 | 0 | 0 | 0 | 12.77 | 3 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319298 | CCR4 | 0 | 0 | 0 | 0 | 9.44 | 6 | 17 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321257 | GTS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321341 | SRM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365245 | PFY1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324375 | FPK1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364253 | AYR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365397 | YGR054W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365527 | RLP7 | 0 | 0 | 0 | 0 | 10.56 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319976 | SHS1 | 0 | 0 | 0 | 0 | 8.53 | 3 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364769 | RSP5 | 0 | 0 | 0 | 0 | 8.78 | 5 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |

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|-----------|-----------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6320843 | PAC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365529 | SIR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318435 | TIP20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323645 | AIM34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443386 | BUD14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319751 | CHK1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319452 | APN2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383783 | YCR015C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33438820 | YJL133C-A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365435 | ERG25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321363 | MPS2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323180 | PCD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364799 | PMD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322709 | TGL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325305 | TAH18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322698 | YKL151C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322341 | RPE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323336 | STT4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320542 | MSN5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325171 | ELP3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319274 | ERV46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366207 | CRM1 | 0 | 0 | 0 | 0 | 9.13 | 7 | 18 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321198 | CSE1 | 0 | 0 | 0 | 0 | 3.54 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366491 | SKP1 | 0 | 0 | 0 | 0 | 8.76 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323819 | MLH1 | 0 | 0 | 0 | 0 | 2.21 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365033 | IRA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366427 | SRP101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320008 | NUS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324098 | PDR16 | 0 | 0 | 0 | 0 | 33.33 | 9 | 35 | 3.42 | 1 | 1 | 0 | 0 | 0 |
| 6324093 | SIN4 | 0 | 0 | 0 | 0 | 7.29 | 4 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322063 | MET18 | 0 | 0 | 0 | 0 | 8.53 | 6 | 17 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319901 | THR4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321899 | CDC12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364305 | YND1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325365 | RPN7 | 2 | 0 | 0 | 0 | 16.32 | 6 | 13 | 2.10 | 1 | 1 | 2.10 | 1 | 3 |
| 6322288 | RFA3 | 0 | 0 | 0 | 0 | 27.05 | 2 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323832 | YMR178 | 0 | 0 | 0 | 0 | 6.20 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

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|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6321327 | NSA1 | 0 | 0 | 0 | 0 | 2.59 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366645 | PKH1 | 0 | 0 | 0 | 0 | 1.17 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323507 | MSC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366107 | YPP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323586 | SPC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324079 | RAD50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320865 | GAL83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318465 | YFL054C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325349 | NVJ2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323962 | UBP15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323891 | RNA1 | 0 | 0 | 0 | 0 | 35.63 | 11 | 35 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323273 | MAP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320935 | TRP2 | 2 | 0 | 0 | 0 | 31.56 | 11 | 25 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324994 | YPL260W | 0 | 0 | 0 | 0 | 2.36 | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27469358 | PMT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365969 | CDC31 | 0 | 0 | 0 | 0 | 31.68 | 4 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320214 | SNQ2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322263 | PHO90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42742305 | YNL208W | 2 | 0 | 0 | 0 | 28.64 | 3 | 37 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321432 | PMC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323221 | HCR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.15 | 1 | 2 | 0 | 0 | 0 |
| 6322722 | PGM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323089 | FRS1 | 0 | 0 | 0 | 0 | 2.18 | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321271 | PMR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322097 | LYS12 | 22 | 0 | 0 | 0 | 43.94 | 15 | 68 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320151 | SLC1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319312 | ERP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365779 | YCF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324082 | YNL247W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324625 | ETT1 | 0 | 0 | 0 | 0 | 21.60 | 6 | 41 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321492 | MUP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322434 | RNR2 | 0 | 0 | 0 | 0 | 6.77 | 2 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320245 | ENA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323853 | VTI1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319837 | ILV6 | 0 | 0 | 0 | 0 | 21.68 | 4 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319441 | PET9 | 7 | 3.14 | 1 | 1 | 7.55 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365855 | KGD2 | 29 | 0 | 0 | 0 | 1.94 | 1 | 1 | 0 | 0 | 0 | 3.46 | 1 | 2 |

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|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6322980 | YBT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320717 | GNP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365985 | RPN8 | 0 | 0 | 0 | 0 | 26.63 | 6 | 36 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364411 | MMF1 | 3 | 0 | 0 | 0 | 9.66 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366385 | RNH202 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320332 | ARO1 | 2 | 0 | 0 | 0 | 11.52 | 13 | 39 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443439 | ECM33 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322640 | STE6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365037 | DNF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366015 | VPH1 | 0 | 0 | 0 | 0 | 1.79 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364221 | SIT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323965 | FKS3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.56 | 1 | 1 | 0 | 0 | 0 |
| 6321346 | NUP145 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.68 | 1 | 1 | 0 | 0 | 0 |
| 6324067 | POL2 | 0 | 0 | 0 | 0 | 0.54 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325441 | DPM1 | 0 | 0 | 0 | 0 | 4.87 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320150 | PBP4 | 8 | 12.43 | 1 | 1 | 20.00 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319704 | MCX1 | 0 | 0 | 0 | 0 | 7.31 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323235 | ENT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365451 | PXL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362705 | YPR089W | 0 | 0 | 0 | 0 | 5.63 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 116006501 | MGM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324111 | MGS1 | 0 | 0 | 0 | 0 | 2.21 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321880 | RPF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325407 | NCE102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366221 | YML7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364731 | MPP10 | 0 | 0 | 0 | 0 | 3.04 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319449 | PIM1 | 0 | 0 | 0 | 0 | 12.71 | 9 | 27 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319448 | MCM2 | 0 | 0 | 0 | 0 | 7.95 | 5 | 9 | 0 | 0 | 0 | 1.73 | 1 | 1 |
| 6321851 | VMA22 | 0 | 0 | 0 | 0 | 9.39 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365621 | YJR149W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319646 | SSE2 | 13 | 0 | 0 | 0 | 3.75 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321332 | MLC1 | 2 | 14.77 | 1 | 1 | 44.97 | 5 | 57 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365795 | YGR126W | 0 | 0 | 0 | 0 | 3.04 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324350 | SNF12 | 0 | 0 | 0 | 0 | 29.86 | 11 | 27 | 0 | 0 | 0 | 2.47 | 1 | 1 |
| 398366497 | RQC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.24 | 1 | 1 | 0 | 0 | 0 |
| 6322676 | EBP2 | 0 | 0 | 0 | 0 | 3.75 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323944 | HSH155 | 0 | 0 | 0 | 0 | 1.75 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |

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|-----------|----------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6322531 | LIA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364353 | PRO3 | 0 | 0 | 0 | 0 | 10.14 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322645 | EAP1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.74 | 1 | 1 | 1 | 0 | 0 |
| 6323237 | SEC13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365809 | RUD3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319930 | YCR087C- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.19 | 1 | 1 | 1 | 0 | 0 |
| 398366045 | CSR1 | 2 | 0 | 0 | 0 | 28.92 | 9 | 25 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323938 | AEP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322167 | TIM44 | 23 | 0 | 0 | 0 | 35.03 | 11 | 60 | 2.09 | 1 | 1 | 0 | 0 | 0 |
| 6320000 | TRM8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319321 | RFA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.93 | 1 | 1 |
| 6323934 | PGM3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.13 | 1 | 2 |
| 6324629 | VHS3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.37 | 1 | 1 |
| 398366511 | ATP22 | 4 | 0 | 0 | 0 | 2.49 | 1 | 1 | 2.49 | 1 | 4 | 2.49 | 1 | 4 |
| 6323706 | RNA14 | 0 | 0 | 0 | 0 | 0.89 | 1 | 1 | 0.89 | 1 | 1 | 0 | 0 | 0 |
| 6321395 | DST1 | 2 | 0 | 0 | 0 | 10.36 | 2 | 3 | 9.71 | 3 | 3 | 0 | 0 | 0 |
| 398364447 | CAP2 | 0 | 0 | 0 | 0 | 4.53 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365841 | RIF1 | 0 | 0 | 0 | 0 | 1.10 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365073 | RAD3 | 0 | 0 | 0 | 0 | 1.93 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319622 | MRPS9 | 0 | 0 | 0 | 0 | 3.60 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323895 | RNT1 | 0 | 0 | 0 | 0 | 4.03 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319317 | TFC3 | 0 | 0 | 0 | 0 | 1.29 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323216 | SKG3 | 0 | 0 | 0 | 0 | 1.46 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323341 | CDC25 | 0 | 0 | 0 | 0 | 0.94 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320087 | NUP84 | 0 | 0 | 0 | 0 | 2.34 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322188 | CFD1 | 0 | 0 | 0 | 0 | 5.12 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324424 | SPT20 | 0 | 0 | 0 | 0 | 2.65 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323034 | SSK1 | 0 | 0 | 0 | 0 | 1.97 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365691 | SRB5 | 0 | 0 | 0 | 0 | 5.86 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364427 | PIG2 | 0 | 0 | 0 | 0 | 2.60 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364977 | ALY1 | 0 | 0 | 0 | 0 | 1.53 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320315 | FOB1 | 0 | 0 | 0 | 0 | 3.36 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323621 | YML020W | 0 | 0 | 0 | 0 | 3.77 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318535 | IOC3 | 0 | 0 | 0 | 0 | 1.91 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383754 | MRC1 | 0 | 0 | 0 | 0 | 1.92 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319988 | NOP6 | 0 | 0 | 0 | 0 | 4.89 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323394 | STE11 | 0 | 0 | 0 | 0 | 2.79 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 330443700 | UBP10 | 0 | 0 | 0 | 0 | 2.02 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443395 | PKC1 | 0 | 0 | 0 | 0 | 0.96 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321782 | MRP4 | 0 | 0 | 0 | 0 | 2.79 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323846 | GYL1 | 0 | 0 | 0 | 0 | 1.39 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365475 | VPS41 | 0 | 0 | 0 | 0 | 1.11 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323526 | COQ5 | 0 | 0 | 0 | 0 | 10.10 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325226 | PHO85 | 0 | 0 | 0 | 0 | 5.57 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364611 | PUP3 | 0 | 0 | 0 | 0 | 16.59 | 2 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323915 | TRM732 | 0 | 0 | 0 | 0 | 1.83 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320438 | HEM1 | 0 | 0 | 0 | 0 | 5.29 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325102 | KIP2 | 0 | 0 | 0 | 0 | 4.25 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323575 | ORC1 | 0 | 0 | 0 | 0 | 2.52 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365487 | RRP8 | 0 | 0 | 0 | 0 | 8.93 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324338 | PRP2 | 0 | 0 | 0 | 0 | 2.40 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325104 | RAD53 | 0 | 0 | 0 | 0 | 3.90 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324107 | SSU72 | 0 | 0 | 0 | 0 | 20.87 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319526 | RFS1 | 0 | 0 | 0 | 0 | 15.71 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320952 | NUP157 | 0 | 0 | 0 | 0 | 2.30 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324147 | IPI3 | 0 | 0 | 0 | 0 | 8.83 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443409 | PRS4 | 0 | 0 | 0 | 0 | 11.66 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322806 | PRI2 | 0 | 0 | 0 | 0 | 10.04 | 3 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443500 | UFD2 | 0 | 0 | 0 | 0 | 5.52 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324062 | PIK1 | 0 | 0 | 0 | 0 | 4.60 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324801 | HER1 | 0 | 1.77 | 1 | 2 | 3.69 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366237 | PRP28 | 0 | 0 | 0 | 0 | 8.16 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325096 | BEM4 | 0 | 0 | 0 | 0 | 4.90 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325402 | NOC4 | 0 | 0 | 0 | 0 | 8.15 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324770 | LIP5 | 6 | 0 | 0 | 0 | 13.77 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364793 | DMA2 | 0 | 0 | 0 | 0 | 10.15 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364875 | YML13 | 0 | 0 | 0 | 0 | 24.24 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322491 | GEA1 | 0 | 0 | 0 | 0 | 4.47 | 4 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323061 | RSC58 | 0 | 0 | 0 | 0 | 13.15 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323842 | MRPS17 | 0 | 0 | 0 | 0 | 21.10 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325121 | GIP3 | 0 | 0 | 0 | 0 | 4.23 | 4 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16198342 | RGD2 | 0 | 0 | 0 | 0 | 10.22 | 4 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323045 | MEU1 | 0 | 0 | 0 | 0 | 21.66 | 5 | 17 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322286 | SWI3 | 0 | 0 | 0 | 0 | 10.91 | 6 | 20 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6323630 | ERV25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323716 | TVP18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319289 | SNC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364281 | EMP24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320298 | DNF2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443597 | MNN5 | 0 | 0 | 0 | 0 | 3.07 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320897 | FCY2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443542 | SAP155 | 0 | 0 | 0 | 0 | 2.00 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318521 | SPB4 | 0 | 0 | 0 | 0 | 1.82 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323367 | NUP2 | 0 | 0 | 0 | 0 | 4.58 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319303 | TPD3 | 0 | 0 | 0 | 0 | 8.19 | 4 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324166 | RIA1 | 0 | 0 | 0 | 0 | 4.95 | 4 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364557 | AIM21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322369 | SRS2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324088 | ZWF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319890 | TAF2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320033 | SFA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325429 | BSP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323022 | YLL007C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324918 | YOR342C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320091 | TRM3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322925 | SIS2 | 0 | 0 | 0 | 0 | 3.91 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321999 | SCH9 | 0 | 0 | 0 | 0 | 1.82 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320106 | RPN6 | 0 | 0 | 0 | 0 | 19.59 | 6 | 19 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320934 | PTC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322545 | STE18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27808714 | LAP3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322410 | IRC8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318532 | UBP6 | 0 | 0 | 0 | 0 | 6.61 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320129 | BRE1 | 0 | 0 | 0 | 0 | 9.43 | 5 | 17 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324287 | COG6 | 0 | 0 | 0 | 0 | 9.89 | 5 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320846 | NTF2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324508 | MET22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319975 | GCS1 | 0 | 0 | 0 | 0 | 9.66 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63535562 | CHA1 | 0 | 0 | 0 | 0 | 16.39 | 3 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322141 | NEO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365175 | CDC28 | 0 | 0 | 0 | 0 | 6.38 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6323323 | SEC72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321649 | YGR210C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323423 | CCW14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366295 | HSP78 | 0 | 0 | 0 | 0 | 11.10 | 6 | 17 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324169 | YGP1 | 0 | 0 | 0 | 0 | 3.39 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323085 | ERG3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319997 | RTN2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318526 | RPN11 | 0 | 0 | 0 | 0 | 8.50 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320913 | ARG5,6 | 0 | 0 | 0 | 0 | 1.51 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365815 | PHB1 | 2 | 13.94 | 1 | 1 | 6.97 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318497 | FRS2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320291 | SSS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319367 | ECM21 | 1 | 0 | 0 | 0 | 1.16 | 1 | 1 | 0 | 0 | 0 | 0.54 | 1 | 1 |
| 6319714 | PRP5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.06 | 1 | 1 | 1.06 | 1 | 1 |
| 6323841 | YMR187C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.39 | 1 | 1 |
| 6321813 | MAS2 | 0 | 0 | 0 | 0 | 4.98 | 2 | 2 | 0 | 0 | 0 | 1.66 | 1 | 1 |
| 6322607 | HMS2 | 0 | 3.35 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.23 | 1 | 1 |
| 6319750 | UBX7 | 0 | 0 | 0 | 0 | 4.59 | 1 | 1 | 0 | 0 | 0 | 2.29 | 1 | 1 |
| 6322917 | OAF3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.82 | 1 | 1 |
| 37362687 | FOL1 | 0 | 0 | 0 | 0 | 1.21 | 1 | 3 | 1.21 | 1 | 1 | 0 | 0 | 0 |
| 37362652 | PGD1 | 0 | 0 | 0 | 0 | 8.31 | 2 | 3 | 2.52 | 1 | 1 | 0 | 0 | 0 |
| 37362689 | GPI15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.93 | 1 | 3 | 0 | 0 | 0 |
| 398364551 | CBK1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.79 | 1 | 1 | 0 | 0 | 0 |
| 6325386 | SCD6 | 0 | 0 | 0 | 0 | 4.58 | 1 | 1 | 6.59 | 2 | 3 | 0 | 0 | 0 |
| 6320372 | CDC37 | 0 | 0 | 0 | 0 | 3.75 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321266 | NUP49 | 0 | 0 | 0 | 0 | 1.48 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325406 | YPR148C | 0 | 0 | 0 | 0 | 3.22 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321873 | LRP1 | 0 | 0 | 0 | 0 | 7.07 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325152 | SYH1 | 0 | 0 | 0 | 0 | 1.65 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320036 | CDC36 | 0 | 0 | 0 | 0 | 7.33 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322810 | VPS24 | 0 | 0 | 0 | 0 | 7.14 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323125 | KIN2 | 0 | 0 | 0 | 0 | 0.78 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319555 | SPT7 | 0 | 0 | 0 | 0 | 0.90 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322523 | RPA12 | 0 | 0 | 0 | 0 | 12.00 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324622 | RAT1 | 0 | 0 | 0 | 0 | 1.29 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322788 | MSN4 | 0 | 0 | 0 | 0 | 2.70 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321889 | YHR097C | 0 | 0 | 0 | 0 | 4.64 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |

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|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6324330 | RPC34 | 0 | 0 | 0 | 0 | 4.10 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321796 | SOD2 | 0 | 0 | 0 | 0 | 6.01 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320862 | YAT2 | 4 | 0 | 0 | 0 | 1.52 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320360 | RPA14 | 0 | 0 | 0 | 0 | 14.60 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324174 | YNL155W | 0 | 0 | 0 | 0 | 4.38 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323305 | SMD2 | 0 | 0 | 0 | 0 | 7.27 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322296 | HAL5 | 0 | 0 | 0 | 0 | 2.11 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323559 | TDA9 | 0 | 0 | 0 | 0 | 1.04 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324374 | TRM112 | 0 | 0 | 0 | 0 | 12.59 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325225 | SVL3 | 0 | 0 | 0 | 0 | 1.94 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324874 | BUD7 | 0 | 0 | 0 | 0 | 2.28 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322261 | ACO2 | 0 | 0 | 0 | 0 | 1.01 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365029 | BCH2 | 0 | 0 | 0 | 0 | 1.57 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324371 | MVD1 | 0 | 0 | 0 | 0 | 4.80 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321623 | UBR1 | 0 | 0 | 0 | 0 | 1.08 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321425 | PDR1 | 0 | 0 | 0 | 0 | 1.31 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324203 | SPC98 | 0 | 0 | 0 | 0 | 1.89 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325129 | TBF1 | 0 | 0 | 0 | 0 | 2.31 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322644 | LOS1 | 0 | 0 | 0 | 0 | 1.73 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322363 | SAP185 | 0 | 0 | 0 | 0 | 1.04 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323081 | IES3 | 0 | 0 | 0 | 0 | 8.40 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321378 | YBP2 | 0 | 0 | 0 | 0 | 1.72 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364843 | POL1 | 0 | 0 | 0 | 0 | 1.29 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321764 | NPR3 | 0 | 0 | 0 | 0 | 2.53 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366625 | SDC1 | 0 | 0 | 0 | 0 | 6.86 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322540 | AIM24 | 0 | 0 | 0 | 0 | 2.79 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320026 | AIR2 | 0 | 0 | 0 | 0 | 4.94 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323114 | ARP6 | 0 | 0 | 0 | 0 | 2.51 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324096 | BNI4 | 0 | 0 | 0 | 0 | 1.79 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322876 | DBP7 | 0 | 0 | 0 | 0 | 2.29 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321458 | YGR021W | 0 | 0 | 0 | 0 | 3.45 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365777 | YGR122W | 0 | 0 | 0 | 0 | 3.73 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365293 | LAS1 | 0 | 0 | 0 | 0 | 2.79 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364695 | MAK11 | 0 | 0 | 0 | 0 | 3.85 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324805 | MKK1 | 0 | 0 | 0 | 0 | 3.35 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321398 | HEM2 | 0 | 0 | 0 | 0 | 5.56 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319365 | RTG3 | 0 | 0 | 0 | 0 | 2.06 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6322549 | GRR1 | 0 | 0 | 0 | 0 | 0.96 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323551 | UFO1 | 0 | 0 | 0 | 0 | 1.80 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323108 | SIC1 | 0 | 0 | 0 | 0 | 6.69 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324100 | URE2 | 0 | 0 | 0 | 0 | 3.39 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321534 | ASK10 | 0 | 0 | 0 | 0 | 1.48 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322907 | DYN1 | 0 | 0 | 0 | 0 | 0.49 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319529 | PRP6 | 0 | 0 | 0 | 0 | 1.67 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321907 | DMA1 | 0 | 0 | 0 | 0 | 5.77 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364783 | FES1 | 0 | 0 | 0 | 0 | 10.69 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324188 | AAH1 | 0 | 0 | 0 | 0 | 9.22 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364975 | SHE3 | 0 | 0 | 0 | 0 | 7.29 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364251 | RAD23 | 0 | 0 | 0 | 0 | 7.54 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320565 | GGA1 | 0 | 0 | 0 | 0 | 5.21 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365259 | UBP2 | 0 | 0 | 0 | 0 | 2.28 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364701 | CYR1 | 0 | 0 | 0 | 0 | 1.33 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365573 | GRX3 | 0 | 0 | 0 | 0 | 8.42 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321217 | NIF3 | 0 | 0 | 0 | 0 | 16.32 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323525 | BUL2 | 0 | 0 | 0 | 0 | 3.15 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324490 | ATG19 | 0 | 0 | 0 | 0 | 7.23 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318523 | LOC1 | 0 | 0 | 0 | 0 | 11.76 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362641 | CIN8 | 0 | 0 | 0 | 0 | 2.50 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324033 | MON2 | 0 | 0 | 0 | 0 | 1.22 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321948 | RTT107 | 0 | 0 | 0 | 0 | 2.15 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318438 | MET5 | 0 | 0 | 0 | 0 | 1.87 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320454 | YDR248C | 0 | 0 | 0 | 0 | 17.10 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366363 | SNX3 | 0 | 0 | 0 | 0 | 10.49 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365949 | NAT5 | 0 | 0 | 0 | 0 | 17.61 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324279 | SFB2 | 0 | 0 | 0 | 0 | 3.31 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322400 | NUP82 | 0 | 0 | 0 | 0 | 5.19 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366177 | ZPR1 | 0 | 0 | 0 | 0 | 7.41 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323054 | SED5 | 0 | 0 | 0 | 0 | 12.94 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324123 | RTT106 | 0 | 0 | 0 | 0 | 9.45 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319977 | WHI4 | 0 | 0 | 0 | 0 | 6.63 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365083 | SKN7 | 0 | 0 | 0 | 0 | 7.88 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318486 | RIM15 | 0 | 0 | 0 | 0 | 2.82 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366197 | PCF11 | 0 | 0 | 0 | 0 | 5.27 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6681848 | MOB1 | 0 | 0 | 0 | 0 | 16.24 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6322378 | TAX4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320848 | TIR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320093 | TMA17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322332 | TRK1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320738 | QCR7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321543 | VOA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41629668 | VPS8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323150 | YPS3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365307 | EHT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322739 | KTI12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366117 | ELP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324932 | CIR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323129 | ERG27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322737 | ABF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321278 | AIM14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364589 | DSN1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324870 | YOR296W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365441 | ISN1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320409 | RAV2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366501 | MRPS2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365469 | RPL40B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364921 | TFC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320130 | YDL073W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321209 | SHE10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323662 | FMS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365025 | KCS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365489 | LST8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322593 | XPT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366545 | ARO10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366635 | PHO8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321005 | COG3 | 0 | 0 | 0 | 0 | 4.99 | 3 | 3 | 0 | 0 | 0 | 2.00 | 1 | 1 |
| 398364553 | NBP35 | 0 | 0 | 0 | 0 | 6.71 | 1 | 1 | 0 | 0 | 0 | 2.44 | 1 | 1 |
| 6323569 | COG8 | 0 | 0 | 0 | 0 | 4.78 | 2 | 4 | 0 | 0 | 0 | 2.97 | 1 | 3 |
| 6322229 | GTT1 | 5 | 0 | 0 | 0 | 8.97 | 2 | 2 | 3.85 | 1 | 1 | 0 | 0 | 0 |
| 398366485 | ASP1 | 0 | 0 | 0 | 0 | 3.67 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365871 | MGE1 | 0 | 0 | 0 | 0 | 4.39 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324690 | RPO31 | 0 | 0 | 0 | 0 | 1.30 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |

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|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6324946 | MRS6 | 0 | 0 | 0 | 0 | 2.32 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325052 | HRR25 | 0 | 0 | 0 | 0 | 4.66 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324631 | SGT1 | 0 | 0 | 0 | 0 | 1.77 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323651 | ADI1 | 0 | 0 | 0 | 0 | 7.26 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365629 | DBF2 | 0 | 0 | 0 | 0 | 2.27 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320725 | GRH1 | 0 | 0 | 0 | 0 | 3.49 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324056 | TOF1 | 0 | 0 | 0 | 0 | 1.21 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321823 | PIH1 | 0 | 0 | 0 | 0 | 6.98 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383767 | KCC4 | 0 | 0 | 0 | 0 | 1.74 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319556 | UBC4 | 0 | 0 | 0 | 0 | 18.24 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325007 | GYP5 | 0 | 0 | 0 | 0 | 2.13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322121 | SEC6 | 0 | 0 | 0 | 0 | 1.74 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323292 | TMA7 | 0 | 0 | 0 | 0 | 17.19 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325227 | TRM44 | 0 | 0 | 0 | 0 | 2.29 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322526 | TOR1 | 0 | 0 | 0 | 0 | 0.57 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324085 | SUI1 | 0 | 0 | 0 | 0 | 25.93 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366199 | IVY1 | 0 | 4.42 | 1 | 1 | 6.84 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322839 | ARC19 | 0 | 0 | 0 | 0 | 14.04 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321914 | CIA2 | 0 | 0 | 0 | 0 | 11.69 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319737 | RGD1 | 0 | 0 | 0 | 0 | 3.45 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322419 | MHP1 | 0 | 0 | 0 | 0 | 2.43 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366245 | LDB19 | 0 | 0 | 0 | 0 | 2.93 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325011 | YPL245W | 0 | 0 | 0 | 0 | 5.95 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364697 | LSM4 | 0 | 0 | 0 | 0 | 9.63 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320840 | FMP52 | 26 | 0 | 0 | 0 | 14.72 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324794 | RCN2 | 0 | 0 | 0 | 0 | 14.72 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321800 | VPS29 | 0 | 0 | 0 | 0 | 13.12 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364967 | SOK1 | 0 | 0 | 0 | 0 | 6.99 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320413 | UME6 | 0 | 0 | 0 | 0 | 4.43 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322379 | IML2 | 0 | 0 | 0 | 0 | 4.51 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325362 | COG4 | 0 | 0 | 0 | 0 | 5.92 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322156 | BCY1 | 0 | 0 | 0 | 0 | 13.46 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322424 | SNX4 | 0 | 0 | 0 | 0 | 15.84 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365471 | MCM7 | 0 | 0 | 0 | 0 | 7.93 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365269 | SMY2 | 0 | 0 | 0 | 0 | 7.43 | 4 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323616 | YML6 | 0 | 0 | 0 | 0 | 21.33 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325343 | SUA7 | 0 | 0 | 0 | 0 | 24.93 | 5 | 23 | 0 | 0 | 0 | 0 | 0 | 0 |

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|-----------|----------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6320490 | DPP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321749 | CBP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323230 | COQ9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323020 | COX17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325319 | FCY1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323523 | DAT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443382 | DEP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322633 | URA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322657 | DPH2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321200 | HAP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9755326 | YBR085C- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42759851 | YCL012C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323669 | YMR027 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365291 | ACB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323941 | NGL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323177 | PEP3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324678 | PIN2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318491 | CAF16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365407 | RCM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364993 | RPN14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324072 | SIP3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324655 | TGL5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366623 | TLG1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320100 | QRI1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321226 | VAM7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322459 | PRE3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322083 | YIL108W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366489 | UTP4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325194 | TIM50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365181 | HOC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320380 | RSM24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443750 | YPR097W | 0 | 0 | 0 | 0 | 4.01 | 2 | 5 | 1.58 | 1 | 1 | 0 | 0 | 0 |
| 6324984 | ATP15 | 1 | 0 | 0 | 0 | 27.42 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323999 | RPD3 | 0 | 0 | 0 | 0 | 3.70 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320974 | LCP5 | 0 | 0 | 0 | 0 | 5.04 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324552 | DIS3 | 0 | 0 | 0 | 0 | 1.60 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365639 | PBP2 | 0 | 0 | 0 | 0 | 3.39 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |

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|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6325146 | CAR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319895 | BUD23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365793 | SHM1 | 2 | 0 | 0 | 0 | 2.86 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365279 | ADE2 | 0 | 0 | 0 | 0 | 2.28 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322564 | SOD1 | 1 | 0 | 0 | 0 | 6.49 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323931 | BUL1 | 0 | 0 | 0 | 0 | 2.36 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322714 | APL2 | 0 | 0 | 0 | 0 | 4.96 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365723 | DPB4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324250 | TPM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324382 | ESF2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364299 | NOP16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364461 | HMF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443644 | APE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323951 | JNM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323103 | BUD20 | 1 | 0 | 0 | 0 | 7.23 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324245 | END3 | 2 | 0 | 0 | 0 | 29.51 | 6 | 23 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365535 | GLN4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321829 | VMA10 | 0 | 0 | 0 | 0 | 9.65 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323340 | IMH1 | 0 | 0 | 0 | 0 | 16.25 | 11 | 17 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443364 | ECM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324601 | STI1 | 2 | 0 | 0 | 0 | 3.06 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321563 | ASN2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323779 | RRB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320306 | ARX1 | 1 | 0 | 0 | 0 | 3.04 | 1 | 2 | 0 | 0 | 0 | 5.40 | 1 | 1 |
| 398365749 | MTC5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320152 | LHP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319926 | TUP1 | 0 | 0 | 0 | 0 | 3.23 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364983 | EGD2 | 8 | 0 | 0 | 0 | 20.69 | 2 | 5 | 0 | 0 | 0 | 7.47 | 1 | 1 |
| 398366421 | GDH1 | 1 | 0 | 0 | 0 | 10.79 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325421 | TIF3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 339046261 | NHP6BP | 0 | 0 | 0 | 0 | 13.13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325229 | ERG10 | 0 | 0 | 0 | 0 | 9.80 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366043 | CAF20 | 0 | 0 | 0 | 0 | 42.86 | 3 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325014 | IQG1 | 0 | 0 | 0 | 0 | 1.40 | 1 | 1 | 0 | 0 | 0 | 0.54 | 1 | 2 |
| 398365281 | BUD4 | 0 | 0 | 0 | 0 | 0.76 | 1 | 2 | 0 | 0 | 0 | 0.83 | 1 | 1 |
| 398365669 | TEL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.02 | 1 | 1 |
| 10383780 | ADP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.05 | 1 | 1 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|----------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6323181 | YLR152C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.22 | 1 | 1 |
| 6323217 | MDL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.44 | 1 | 1 |
| 6321439 | SWC4 | 0 | 0 | 0 | 0 | 3.78 | 1 | 3 | 0 | 0 | 0 | 1.68 | 1 | 1 |
| 6325116 | FRK1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.97 | 1 | 1 |
| 6321223 | CLG1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.21 | 1 | 1 |
| 398364759 | PRP40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.23 | 1 | 1 |
| 330443403 | TEL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.26 | 2 | 2 |
| 6323724 | CTF18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.43 | 1 | 1 |
| 6324482 | MSH2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.90 | 1 | 1 |
| 6322471 | YJR011C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.07 | 1 | 17 |
| 6322075 | HIS5 | 1 | 0 | 0 | 0 | 12.21 | 4 | 7 | 0 | 0 | 0 | 3.64 | 1 | 1 |
| 6323435 | SFP1 | 0 | 0 | 0 | 0 | 10.10 | 3 | 6 | 0 | 0 | 0 | 5.27 | 1 | 1 |
| 330443407 | PET112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.91 | 1 | 1 |
| 6325210 | SGF11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.07 | 1 | 1 |
| 6320137 | IDP1 | 0 | 0 | 0 | 0 | 2.57 | 1 | 1 | 0 | 0 | 0 | 8.41 | 3 | 3 |
| 6323640 | YML003W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.69 | 1 | 1 |
| 6321215 | COG1 | 0 | 0 | 0 | 0 | 2.88 | 1 | 1 | 0 | 0 | 0 | 11.51 | 2 | 2 |
| 6323826 | DDR48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22.33 | 3 | 4 |
| 398365503 | RSF2 | 0 | 0 | 0 | 0 | 0.80 | 1 | 2 | 0.43 | 1 | 1 | 0 | 0 | 0 |
| 398366065 | VAC14 | 0 | 0 | 0 | 0 | 2.27 | 1 | 1 | 2.16 | 1 | 1 | 0 | 0 | 0 |
| 398365047 | DAS2 | 0 | 0 | 0 | 0 | 13.79 | 2 | 2 | 8.19 | 1 | 1 | 0 | 0 | 0 |
| 6324235 | APP1 | 0 | 0 | 0 | 0 | 9.54 | 3 | 3 | 1.02 | 1 | 1 | 0 | 0 | 0 |
| 6321557 | NUP57 | 1 | 0 | 0 | 0 | 7.58 | 4 | 6 | 1.85 | 1 | 1 | 0 | 0 | 0 |
| 6320775 | PRB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.05 | 1 | 1 | 0 | 0 | 0 |
| 6325212 | VPS16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.75 | 1 | 1 | 0 | 0 | 0 |
| 6321418 | GET1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.98 | 1 | 1 | 0 | 0 | 0 |
| 6323517 | NGL3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.98 | 1 | 3 | 0 | 0 | 0 |
| 6325228 | SUV3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.22 | 1 | 1 | 0 | 0 | 0 |
| 398364413 | PCL7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.21 | 1 | 2 | 0 | 0 | 0 |
| 6322556 | YJR096W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11.35 | 1 | 1 | 0 | 0 | 0 |
| 6322804 | ANR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.94 | 1 | 1 | 0 | 0 | 0 |
| 6323271 | ARV1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.90 | 1 | 1 | 0 | 0 | 0 |
| 6324506 | RIB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.05 | 1 | 1 | 0 | 0 | 0 |
| 6320046 | CLB3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.51 | 1 | 1 | 0 | 0 | 0 |
| 82795250 | YGL194C- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26.25 | 1 | 1 | 0 | 0 | 0 |
| 398365389 | YGR053C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.18 | 1 | 1 | 0 | 0 | 0 |
| 33438858 | YMR230 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.97 | 1 | 1 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6325279 | YPRO22C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.79 | 1 | 1 | 0 | 0 | 0 |
| 6321028 | ISC10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.75 | 1 | 1 | 0 | 0 | 0 |
| 6321274 | YRB30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.59 | 1 | 1 | 0 | 0 | 0 |
| 6324519 | AIM39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.78 | 1 | 1 | 0 | 0 | 0 |
| 6322658 | CNB1 | 3 | 0 | 0 | 0 | 10.29 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383760 | LSB5 | 0 | 0 | 0 | 0 | 6.50 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364999 | CKS1 | 0 | 0 | 0 | 0 | 10.00 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366627 | TRS31 | 0 | 0 | 0 | 0 | 8.83 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324672 | NUP1 | 11 | 0 | 0 | 0 | 1.21 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323031 | CMS1 | 0 | 0 | 0 | 0 | 5.15 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323287 | GSY2 | 0 | 0 | 0 | 0 | 2.70 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323425 | ATP10 | 0 | 0 | 0 | 0 | 7.53 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365917 | RSR1 | 0 | 0 | 0 | 0 | 4.04 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321849 | MED6 | 0 | 0 | 0 | 0 | 5.42 | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322281 | ATP12 | 0 | 0 | 0 | 0 | 3.69 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319867 | MAK31 | 0 | 0 | 0 | 0 | 10.23 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321785 | HSE1 | 0 | 0 | 0 | 0 | 3.54 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325087 | DAP1 | 0 | 0 | 0 | 0 | 8.55 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324502 | NBA1 | 0 | 0 | 0 | 0 | 3.99 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323019 | PSR1 | 0 | 0 | 0 | 0 | 3.04 | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364635 | IXR1 | 7 | 0 | 0 | 0 | 1.84 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322996 | YLL032C | 0 | 0 | 0 | 0 | 1.70 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323533 | NUP188 | 0 | 0 | 0 | 0 | 0.91 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322337 | LSM1 | 0 | 0 | 0 | 0 | 9.30 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321906 | BZZ1 | 0 | 0 | 0 | 0 | 2.84 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320163 | SIR2 | 0 | 0 | 0 | 0 | 3.38 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364637 | PRS2 | 0 | 0 | 0 | 0 | 5.03 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364293 | FMC1 | 4 | 0 | 0 | 0 | 6.45 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325113 | POC4 | 0 | 0 | 0 | 0 | 10.14 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323162 | CKI1 | 0 | 0 | 0 | 0 | 1.89 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320127 | RXT3 | 0 | 0 | 0 | 0 | 3.40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443546 | MDS3 | 0 | 0 | 0 | 0 | 1.08 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366201 | ATG17 | 0 | 0 | 0 | 0 | 2.88 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324934 | HAP5 | 0 | 0 | 0 | 0 | 4.96 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364577 | DOT6 | 0 | 0 | 0 | 0 | 1.79 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324023 | YMS18 | 0 | 0 | 0 | 0 | 5.07 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362669 | ESS1 | 0 | 0 | 0 | 0 | 8.82 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6320537 | UBX5 | 0 | 0 | 0 | 0 | 2.40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366051 | REF2 | 0 | 0 | 0 | 0 | 2.63 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 93117371 | PEX19 | 0 | 0 | 0 | 0 | 4.68 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323146 | CLF1 | 0 | 0 | 0 | 0 | 2.04 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322990 | ENT4 | 0 | 0 | 0 | 0 | 5.67 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320990 | MAG1 | 0 | 0 | 0 | 0 | 6.42 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365849 | EKI1 | 0 | 0 | 0 | 0 | 1.69 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322662 | MTR2 | 0 | 0 | 0 | 0 | 9.24 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320507 | CFT1 | 0 | 0 | 0 | 0 | 1.33 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325155 | ELP4 | 1 | 0 | 0 | 0 | 2.41 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319894 | IMG1 | 0 | 0 | 0 | 0 | 9.47 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321705 | YGR266W | 0 | 0 | 0 | 0 | 1.43 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318554 | SMC2 | 0 | 0 | 0 | 0 | 1.45 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366369 | VTS1 | 0 | 0 | 0 | 0 | 4.02 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325307 | MAK3 | 0 | 0 | 0 | 0 | 9.09 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364521 | NAS2 | 0 | 0 | 0 | 0 | 4.55 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323222 | UPS1 | 0 | 0 | 0 | 0 | 5.14 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321924 | ECM14 | 0 | 0 | 0 | 0 | 3.26 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365805 | MSO1 | 0 | 0 | 0 | 0 | 5.71 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322100 | UTP25 | 0 | 1.94 | 1 | 1 | 2.08 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365089 | FKH2 | 0 | 0 | 0 | 0 | 3.25 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364225 | IMP2'P | 0 | 0 | 0 | 0 | 4.62 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320643 | PPM1 | 0 | 0 | 0 | 0 | 4.88 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319436 | POL12 | 0 | 0 | 0 | 0 | 2.70 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322334 | SPT10 | 0 | 0 | 0 | 0 | 4.06 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319631 | CNS1 | 0 | 0 | 0 | 0 | 4.68 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320050 | RPC53 | 0 | 0 | 0 | 0 | 2.13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321713 | TAF1 | 0 | 0 | 0 | 0 | 1.13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325118 | UME1 | 0 | 0 | 0 | 0 | 3.70 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321493 | RSC1 | 0 | 0 | 0 | 0 | 2.48 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323274 | CDD1 | 0 | 0 | 0 | 0 | 8.45 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364583 | YGL082W | 0 | 0 | 0 | 0 | 5.51 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364535 | YNL165W | 0 | 0 | 0 | 0 | 2.71 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365015 | AIM46 | 1 | 0 | 0 | 0 | 4.52 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325183 | YTA6 | 0 | 0 | 0 | 0 | 1.33 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324128 | PSY2 | 0 | 0 | 0 | 0 | 1.28 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320259 | CDC34 | 0 | 0 | 0 | 0 | 5.42 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 398364911 | SPT15 | 0 | 0 | 0 | 0 | 2.92 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443461 | COS111 | 1 | 0.87 | 1 | 1 | 1.52 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320652 | YDR444W | 0 | 0 | 0 | 0 | 2.18 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365541 | UBC13 | 0 | 0 | 0 | 0 | 12.42 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365707 | GPX2 | 0 | 0 | 0 | 0 | 8.64 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365979 | GTR2 | 0 | 0 | 0 | 0 | 2.64 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323528 | YML108W | 0 | 0 | 0 | 0 | 9.52 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321894 | KIC1 | 0 | 0 | 0 | 0 | 1.11 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364893 | PTC1 | 0 | 0 | 0 | 0 | 6.05 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366573 | SIZ1 | 0 | 0 | 0 | 0 | 1.55 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366291 | TEA1 | 0 | 0 | 0 | 0 | 3.16 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366471 | TFB1 | 0 | 0 | 0 | 0 | 1.40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325426 | NUT2 | 0 | 0 | 0 | 0 | 5.10 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 154199620 | CGI121 | 0 | 0 | 0 | 0 | 4.97 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320156 | SIT4 | 0 | 0 | 0 | 0 | 6.43 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366599 | APT2 | 0 | 0 | 0 | 0 | 6.08 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324668 | ARF3 | 0 | 0 | 0 | 0 | 8.74 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324087 | ATG2 | 0 | 0 | 0 | 0 | 1.13 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323143 | AVL9 | 0 | 0 | 0 | 0 | 2.23 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364821 | BYE1 | 0 | 0 | 0 | 0 | 2.19 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322088 | DPH1 | 0 | 0 | 0 | 0 | 2.59 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323972 | ELP6 | 0 | 0 | 0 | 0 | 4.03 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364641 | FLO11 | 0 | 0 | 0 | 0 | 1.32 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322659 | HYM1 | 0 | 0 | 0 | 0 | 3.01 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322040 | YIL151C | 0 | 0 | 0 | 0 | 0.98 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365375 | YKR078W | 0 | 0 | 0 | 0 | 1.88 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323758 | YMR111C | 0 | 0 | 0 | 0 | 6.49 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323793 | YMR144 | 0 | 0 | 0 | 0 | 4.09 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320208 | MAF1 | 0 | 0 | 0 | 0 | 5.32 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324437 | MED7 | 0 | 0 | 0 | 0 | 7.21 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323880 | MRE11 | 0 | 0 | 0 | 0 | 1.45 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323680 | MSN2 | 0 | 0 | 0 | 0 | 2.27 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324503 | NUF2 | 0 | 0 | 0 | 0 | 3.10 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323025 | ORC3 | 0 | 0 | 0 | 0 | 2.11 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323147 | YLR118C | 0 | 0 | 0 | 0 | 6.61 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322733 | PRR1 | 0 | 0 | 0 | 0 | 2.51 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319504 | RKM3 | 0 | 0 | 0 | 0 | 2.17 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6321876 | STE12 | 0 | 0 | 0 | 0 | 2.47 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324836 | GPN2 | 0 | 6.34 | 1 | 1 | 5.48 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321605 | TRS65 | 1 | 0 | 0 | 0 | 2.86 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324138 | DUG3 | 0 | 0 | 0 | 0 | 4.48 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319940 | HMRA1 | 0 | 0 | 0 | 0 | 6.35 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443533 | YFL034W | 0 | 0 | 0 | 0 | 0.84 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323815 | INP2 | 0 | 0 | 0 | 0 | 2.13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443515 | PSP1 | 0 | 0 | 0 | 0 | 1.78 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323711 | SOV1 | 0 | 0 | 0 | 0 | 1.78 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443539 | FAB1 | 0 | 0 | 0 | 0 | 0.83 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365149 | ICS2 | 0 | 0 | 0 | 0 | 7.06 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323764 | SPC24 | 0 | 0 | 0 | 0 | 5.63 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325028 | CET1 | 0 | 0 | 0 | 0 | 3.46 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322081 | HPM1 | 0 | 0 | 0 | 0 | 4.77 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322195 | IST3 | 0 | 0 | 0 | 0 | 9.46 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366647 | RSM28 | 0 | 0 | 0 | 0 | 3.88 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320113 | RAM1 | 0 | 0 | 0 | 0 | 3.71 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323522 | TAF8 | 0 | 0 | 0 | 0 | 3.92 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323874 | TRS130 | 0 | 0 | 0 | 0 | 0.73 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323456 | SPP382 | 0 | 0 | 0 | 0 | 1.69 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324386 | BIO3 | 0 | 0 | 0 | 0 | 2.92 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324228 | AVT4 | 0 | 0 | 0 | 0 | 4.77 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364711 | RAM2 | 0 | 0 | 0 | 0 | 4.11 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318494 | BST1 | 0 | 0 | 0 | 0 | 0.97 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320579 | CTS2 | 0 | 0 | 0 | 0 | 2.15 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322760 | CUE2 | 0 | 0 | 0 | 0 | 3.84 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320023 | DLD2 | 0 | 0 | 0 | 0 | 5.28 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323060 | RAD5 | 0 | 0 | 0 | 0 | 1.03 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319754 | DPB3 | 0 | 0 | 0 | 0 | 3.98 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319994 | GLE1 | 0 | 0 | 0 | 0 | 2.42 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323950 | HER2 | 0 | 0 | 0 | 0 | 3.66 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366409 | GPB1 | 0 | 0 | 0 | 0 | 0.89 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319390 | YBL081W | 0 | 0 | 0 | 0 | 3.80 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364947 | YDR003W | 0 | 0 | 0 | 0 | 32.50 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323384 | YLR352W | 0 | 0 | 0 | 0 | 2.35 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324536 | YOL036W | 0 | 0 | 0 | 0 | 1.84 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325180 | YPL077C | 0 | 0 | 0 | 0 | 4.17 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6320328 | INO2 | 0 | 0 | 0 | 0 | 3.95 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324064 | IST1 | 0 | 0 | 0 | 0 | 3.36 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321196 | KAP114 | 0 | 0 | 0 | 0 | 1.49 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366685 | KRE28 | 0 | 0 | 0 | 0 | 3.64 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364391 | KRE29 | 0 | 0 | 0 | 0 | 3.88 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320055 | LDB17 | 0 | 0 | 0 | 0 | 3.67 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321950 | LIN1 | 0 | 0 | 0 | 0 | 4.71 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325219 | MET31 | 0 | 0 | 0 | 0 | 9.60 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320158 | YMS-T | 0 | 0 | 0 | 0 | 9.47 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323472 | YML4 | 0 | 0 | 0 | 0 | 4.08 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324640 | MSA1 | 0 | 0 | 0 | 0 | 3.18 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319938 | OCA4 | 0 | 0 | 0 | 0 | 3.04 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318475 | OTU1 | 0 | 0 | 0 | 0 | 6.64 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324012 | PFS2 | 0 | 0 | 0 | 0 | 1.94 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366005 | PLP1 | 0 | 0 | 0 | 0 | 6.96 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321904 | YHR112C | 0 | 0 | 0 | 0 | 7.41 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323631 | RAD33 | 0 | 0 | 0 | 0 | 5.65 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323930 | RCE1 | 0 | 0 | 0 | 0 | 8.57 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324701 | RGA1 | 0 | 0 | 0 | 0 | 1.69 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323919 | SAP30 | 0 | 0 | 0 | 0 | 4.98 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322536 | CDC11 | 0 | 0 | 0 | 0 | 3.13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319410 | SKT5 | 0 | 0 | 0 | 0 | 1.29 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321311 | SOH1 | 0 | 0 | 0 | 0 | 12.60 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364839 | SLX5 | 0 | 0 | 0 | 0 | 1.94 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443427 | TCM62 | 0 | 0 | 0 | 0 | 2.45 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324684 | TFC7 | 0 | 0 | 0 | 0 | 3.91 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364235 | TID3 | 0 | 0 | 0 | 0 | 2.17 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325297 | TIP41 | 0 | 0 | 0 | 0 | 3.65 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320112 | UBX3 | 0 | 0 | 0 | 0 | 3.30 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324852 | HEM4 | 0 | 0 | 0 | 0 | 5.45 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366151 | UTP21 | 0 | 0 | 0 | 0 | 1.17 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323405 | VID22 | 0 | 0 | 0 | 0 | 2.11 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366111 | VPS33 | 0 | 0 | 0 | 0 | 1.74 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366641 | VPS60 | 0 | 0 | 0 | 0 | 8.73 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364823 | YAF9 | 0 | 0 | 0 | 0 | 5.31 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27469361 | YCG1 | 0 | 0 | 0 | 0 | 1.35 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318529 | YFH7 | 0 | 0 | 0 | 0 | 3.40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6322153 | CST6 | 11 | 0 | 0 | 0 | 3.92 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318524 | NIC96 | 0 | 0 | 0 | 0 | 1.07 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324402 | AIF1 | 0 | 0 | 0 | 0 | 5.03 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364507 | DOT5 | 0 | 0 | 0 | 0 | 4.19 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365867 | ENT5 | 0 | 0 | 0 | 0 | 4.14 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324130 | GCR2 | 1 | 0 | 0 | 0 | 2.62 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323148 | SRN2 | 0 | 0 | 0 | 0 | 6.10 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319738 | TAE1 | 0 | 0 | 0 | 0 | 3.88 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324656 | WHI5 | 0 | 0 | 0 | 0 | 2.71 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324781 | RET1 | 0 | 0 | 0 | 0 | 1.04 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362668 | YJL016W | 0 | 0 | 0 | 0 | 2.14 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321609 | PSD2 | 0 | 0 | 0 | 0 | 2.20 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321481 | RME1 | 0 | 0 | 0 | 0 | 3.67 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325431 | VPS4 | 0 | 0 | 0 | 0 | 3.89 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324854 | FSH3 | 0 | 0 | 0 | 0 | 6.39 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443376 | MAK16 | 0 | 0 | 0 | 0 | 4.58 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322690 | RCN1 | 0 | 0 | 0 | 0 | 7.11 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322431 | VPS53 | 0 | 0 | 0 | 0 | 1.70 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322631 | SRY1 | 0 | 0 | 0 | 0 | 4.91 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320580 | VPS74 | 0 | 0 | 0 | 0 | 9.57 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9755336 | DID4 | 0 | 0 | 0 | 0 | 9.91 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323881 | YML44 | 0 | 0 | 0 | 0 | 27.55 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366509 | MRP1 | 0 | 0 | 0 | 0 | 9.66 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320035 | FAP7 | 0 | 0 | 0 | 0 | 12.69 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323354 | SFH1 | 0 | 0 | 0 | 0 | 7.28 | 2 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323531 | SEC65 | 0 | 0 | 0 | 0 | 9.16 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321433 | COG7 | 0 | 0 | 0 | 0 | 9.32 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364865 | PIB2 | 0 | 2.68 | 1 | 1 | 5.67 | 2 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320673 | RMT2 | 0 | 0 | 0 | 0 | 5.10 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323417 | SWC7 | 0 | 0 | 0 | 0 | 19.70 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324423 | DCP1 | 0 | 0 | 0 | 0 | 9.09 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365921 | TAF10 | 1 | 0 | 0 | 0 | 20.87 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323712 | UBX4 | 0 | 0 | 0 | 0 | 5.77 | 2 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325166 | GLR1 | 0 | 0 | 0 | 0 | 6.83 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320994 | LSM5 | 0 | 0 | 0 | 0 | 26.88 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366515 | TRP4 | 0 | 0 | 0 | 0 | 7.89 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324551 | TSR4 | 0 | 0 | 0 | 0 | 6.62 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6324068 | ORC5 | 0 | 0 | 0 | 0 | 5.22 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325213 | NOP4 | 0 | 0 | 0 | 0 | 5.11 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324041 | CAF40 | 0 | 0 | 0 | 0 | 6.43 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320086 | CYK3 | 0 | 0 | 0 | 0 | 3.62 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321762 | SNF6 | 0 | 12.95 | 1 | 1 | 10.84 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365087 | GRX4 | 0 | 0 | 0 | 0 | 8.20 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323218 | ATG26 | 0 | 0 | 0 | 0 | 2.59 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41629693 | PRP18 | 0 | 0 | 0 | 0 | 7.97 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443528 | PTP3 | 0 | 0 | 0 | 0 | 3.66 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364733 | YIR035C | 0 | 0 | 0 | 0 | 10.24 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321766 | AIM17 | 0 | 0 | 0 | 0 | 6.67 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318483 | MOB2 | 0 | 0 | 0 | 0 | 10.10 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324527 | PSK2 | 0 | 0 | 0 | 0 | 2.72 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365421 | PRP16 | 0 | 0 | 0 | 0 | 2.89 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41629685 | RSC30 | 0 | 0 | 0 | 0 | 2.04 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320907 | VHR2 | 0 | 0 | 0 | 0 | 4.75 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366405 | GCN2 | 0 | 0 | 0 | 0 | 1.57 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364549 | GYP6 | 0 | 0 | 0 | 0 | 5.02 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443696 | YNL193W | 0 | 0 | 0 | 0 | 5.38 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325243 | YPL014W | 0 | 0 | 0 | 0 | 9.97 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325327 | MED1 | 0 | 0 | 0 | 0 | 5.12 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320160 | MTF2 | 0 | 0 | 0 | 0 | 5.23 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319287 | PRP45 | 0 | 0 | 0 | 0 | 6.86 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365919 | SEC5 | 0 | 0 | 0 | 0 | 2.78 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320433 | SIR4 | 0 | 0 | 0 | 0 | 2.36 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321725 | BIO2 | 0 | 0 | 0 | 0 | 9.60 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324177 | INN1 | 0 | 0 | 0 | 0 | 6.11 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319534 | ORC2 | 0 | 0 | 0 | 0 | 4.35 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320887 | SAP1 | 0 | 0 | 0 | 0 | 3.34 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321204 | SEC15 | 0 | 0 | 0 | 0 | 2.75 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323111 | SRL2 | 0 | 0 | 0 | 0 | 6.63 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366601 | SSN2 | 0 | 0 | 0 | 0 | 2.32 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323541 | VPS9 | 0 | 0 | 0 | 0 | 7.76 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321955 | YAP1801 | 0 | 0 | 0 | 0 | 4.87 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323215 | EMG1 | 0 | 0 | 0 | 0 | 13.10 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319868 | HTL1 | 0 | 0 | 0 | 0 | 33.33 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321537 | MDR1 | 0 | 0 | 0 | 0 | 2.84 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | # PSM TAP_Rtr1_ WT_1 | %SC TAP_Rtr1_ WT_2 | UP TAP_Rtr1_ WT_2 | # PSM TAP_Rtr1_ WT_2 | %SC TAP_Rtr1_ WT_3 | UP TAP_Rtr1_ WT_3 | # PSM TAP_Rtr1_ WT_3 | %SC TAP_Rtr1_ WT_4 | UP TAP_Rtr1_ WT_4 | # PSM TAP_Rtr1_ WT_4 | %SC TAP_Rtr1_ ctk1_del etion | UP TAP_Rtr1_ ctk1_del etion | # PSM TAP_Rtr1_ ctk1_del etion |
|-----------|---------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|
| 6321941 | YML16 | 0 | 0 | 0 | 0 | 10.75 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365813 | POP2 | 0 | 0 | 0 | 0 | 4.85 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322855 | OSH6 | 12 | 0 | 0 | 0 | 4.69 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319407 | PRX1 | 0 | 0 | 0 | 0 | 14.94 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366397 | SCP1 | 0 | 0 | 0 | 0 | 22.00 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325247 | RET3 | 0 | 0 | 0 | 0 | 21.16 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322574 | RSM7 | 1 | 0 | 0 | 0 | 15.79 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321831 | SRB2 | 0 | 0 | 0 | 0 | 23.81 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324815 | MET7 | 0 | 0 | 0 | 0 | 8.21 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322771 | SMY1 | 0 | 0 | 0 | 0 | 7.16 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365395 | MED8 | 0 | 0 | 0 | 0 | 19.73 | 3 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16740527 | ATG18 | 0 | 0 | 0 | 0 | 9.40 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320526 | SWA2 | 0 | 0 | 0 | 0 | 7.49 | 3 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319430 | PRE7 | 0 | 0 | 0 | 0 | 17.84 | 3 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323626 | TAF11 | 0 | 0 | 0 | 0 | 10.69 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319558 | MIS1 | 0 | 0 | 0 | 0 | 4.10 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366353 | SOG2 | 0 | 0 | 0 | 0 | 5.94 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321377 | DUO1 | 0 | 0 | 0 | 0 | 18.22 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319820 | BIK1 | 0 | 0 | 0 | 0 | 10.00 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325187 | MUK1 | 0 | 0 | 0 | 0 | 7.35 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320957 | SWI4 | 0 | 0 | 0 | 0 | 4.85 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366093 | EBS1 | 0 | 0 | 0 | 0 | 8.03 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364617 | RAD51 | 0 | 0 | 0 | 0 | 12.75 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365445 | BEM1 | 0 | 0 | 0 | 0 | 10.89 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324824 | CLP1 | 0 | 0 | 0 | 0 | 10.79 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323772 | YMR124 | 0 | 0 | 0 | 0 | 4.14 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325420 | ORC4 | 0 | 0 | 0 | 0 | 9.07 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366267 | SCD5 | 0 | 0 | 0 | 0 | 5.28 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324327 | DOM34 | 0 | 0 | 0 | 0 | 10.62 | 3 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323429 | AFG2 | 0 | 0 | 0 | 0 | 6.92 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365705 | MCA1 | 0 | 0 | 0 | 0 | 13.89 | 4 | 21 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366069 | HGH1 | 0 | 0 | 0 | 0 | 14.21 | 4 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325299 | PUF2 | 0 | 0 | 0 | 0 | 6.23 | 4 | 17 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321269 | SUA5 | 0 | 0 | 0 | 0 | 17.61 | 4 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319902 | CTR86 | 0 | 0 | 0 | 0 | 7.10 | 4 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366309 | SIR3 | 0 | 0 | 0 | 0 | 5.21 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366425 | HRQ1 | 1 | 0 | 0 | 0 | 4.92 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 398364847 | RTR1 | 47.79 | 12 | 728 | 48.67 | 10 | 465 | 45.58 | 11 | 680 | 43.81 | 7 | 20 |
| 6320061 | RPB1 | 21.00 | 33 | 863 | 13.21 | 18 | 124 | 19.91 | 27 | 406 | 65.67 | 128 | 14665 |
| 398365417 | RPB2 | 18.63 | 20 | 360 | 8.33 | 8 | 54 | 16.34 | 16 | 167 | 73.20 | 105 | 14108 |
| 398364469 | RPB3 | 29.25 | 6 | 84 | 9.12 | 2 | 6 | 35.85 | 7 | 42 | 74.53 | 26 | 5873 |
| 6322321 | RPB4 | 28.51 | 3 | 5 | 4.98 | 1 | 2 | 0 | 0 | 0 | 82.81 | 18 | 4185 |
| 6319630 | RPB5 | 20.00 | 3 | 30 | 13.02 | 2 | 7 | 21.86 | 3 | 30 | 63.26 | 17 | 3182 |
| 398366567 | RPB7 | 7.60 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 87.13 | 13 | 2096 |
| 398365775 | RPB10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68.57 | 6 | 1373 |
| 6325445 | RPB6 | 0 | 0 | 0 | 14.19 | 1 | 2 | 14.19 | 1 | 3 | 87.10 | 12 | 1289 |
| 6321368 | RPB9 | 20.49 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 71.31 | 8 | 1230 |
| 6324798 | RPB8 | 25.34 | 3 | 51 | 0 | 0 | 0 | 17.12 | 2 | 7 | 70.55 | 13 | 944 |
| 6324569 | RPB11 | 36.67 | 4 | 5 | 15.00 | 1 | 1 | 19.17 | 2 | 2 | 94.17 | 15 | 895 |
| 6323632 | SPT5 | 10.91 | 8 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 61.71 | 52 | 636 |
| 6321625 | TFG1 | 5.99 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 47.07 | 35 | 363 |
| 6321937 | RPB12 | 38.57 | 2 | 21 | 0 | 0 | 0 | 28.57 | 1 | 44 | 52.86 | 4 | 356 |
| 398365043 | TFG2 | 3.00 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 36.25 | 16 | 344 |
| 154199603 | IWR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43.06 | 12 | 160 |
| 398365457 | SPT4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65.69 | 3 | 130 |
| 6325128 | TAF14 | 6.56 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 35.25 | 6 | 77 |
| 398365155 | NPA3 | 11.43 | 4 | 4 | 4.16 | 1 | 1 | 9.87 | 3 | 34 | 0 | 0 | 0 |
| 6323272 | GPN3 | 0 | 0 | 0 | 4.78 | 1 | 1 | 5.15 | 1 | 1 | 0 | 0 | 0 |
| 6322163 | IRR1 | 0.87 | 1 | 1 | 1.04 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366099 | RRP41 | 4.07 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.66 | 1 | 1 |
| 398366555 | UBA2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323670 | TAP42 | 23.77 | 6 | 127 | 6.01 | 2 | 37 | 15.85 | 5 | 43 | 0 | 0 | 0 |
| 6323004 | SSA2 | 41.16 | 21 | 1833 | 45.07 | 19 | 399 | 44.13 | 22 | 613 | 38.65 | 17 | 63 |
| 6319505 | RPL4A | 6.63 | 2 | 66 | 43.09 | 12 | 417 | 33.98 | 10 | 416 | 44.20 | 11 | 82 |
| 398364991 | RPL4B | 6.63 | 2 | 66 | 38.67 | 11 | 416 | 33.43 | 9 | 388 | 39.78 | 9 | 76 |
| 398365303 | RPL43B | 19.57 | 1 | 49 | 29.35 | 3 | 168 | 30.43 | 4 | 100 | 43.48 | 6 | 67 |
| 398364349 | RPL2A | 4.33 | 1 | 194 | 32.68 | 6 | 329 | 27.17 | 4 | 299 | 26.38 | 5 | 62 |
| 6325337 | TEF1 | 17.03 | 10 | 430 | 30.13 | 11 | 342 | 28.60 | 10 | 297 | 40.61 | 12 | 57 |
| 144228166 | SSA1 | 40.97 | 21 | 1735 | 54.52 | 21 | 476 | 43.93 | 22 | 606 | 32.55 | 15 | 57 |
| 6319559 | RPL19A | 19.05 | 3 | 49 | 30.16 | 7 | 125 | 23.81 | 4 | 118 | 29.63 | 7 | 48 |
| 6320065 | RPL35A | 16.67 | 2 | 3 | 22.50 | 4 | 18 | 19.17 | 5 | 43 | 34.17 | 5 | 48 |
| 398365603 | RPS4A | 19.92 | 4 | 12 | 34.87 | 8 | 145 | 24.14 | 4 | 80 | 35.63 | 8 | 40 |
| 398365321 | RPS6B | 16.53 | 3 | 7 | 42.80 | 11 | 382 | 16.95 | 4 | 26 | 40.68 | 9 | 38 |
| 398364655 | SSA4 | 8.88 | 5 | 666 | 9.50 | 5 | 170 | 6.23 | 4 | 124 | 12.77 | 7 | 35 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 398366603 | RPS17B | 44.12 | 5 | 40 | 45.59 | 6 | 246 | 31.62 | 4 | 85 | 47.06 | 7 | 34 |
| 6324533 | RPS15 | 16.90 | 2 | 15 | 30.28 | 3 | 171 | 30.28 | 3 | 21 | 30.28 | 3 | 34 |
| 6323104 | RPL10 | 12.22 | 3 | 3 | 25.34 | 5 | 110 | 17.19 | 4 | 9 | 18.55 | 3 | 33 |
| 6319396 | SSA3 | 11.09 | 6 | 613 | 15.56 | 7 | 57 | 8.47 | 5 | 234 | 9.55 | 6 | 33 |
| 6321786 | RPL14B | 17.39 | 4 | 82 | 22.46 | 3 | 68 | 13.77 | 2 | 34 | 33.33 | 5 | 31 |
| 6322847 | RPL14A | 23.91 | 5 | 83 | 22.46 | 3 | 68 | 13.77 | 2 | 34 | 33.33 | 5 | 31 |
| 6324670 | RPS7A | 30.00 | 6 | 195 | 37.37 | 5 | 28 | 13.16 | 2 | 15 | 46.32 | 7 | 31 |
| 6322668 | RPL17A | 7.07 | 1 | 1 | 39.67 | 6 | 236 | 34.78 | 5 | 136 | 35.33 | 5 | 27 |
| 398365285 | CAX4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.88 | 1 | 25 |
| 6322284 | RPL17B | 7.07 | 1 | 1 | 39.67 | 6 | 235 | 34.78 | 5 | 116 | 29.89 | 4 | 21 |
| 398364883 | RPS7B | 38.95 | 7 | 204 | 24.21 | 4 | 49 | 14.21 | 2 | 9 | 35.79 | 6 | 21 |
| 6323791 | RPL13B | 20.60 | 4 | 125 | 29.65 | 7 | 227 | 34.17 | 6 | 40 | 33.17 | 5 | 20 |
| 6320121 | RPL13A | 20.60 | 4 | 125 | 29.65 | 7 | 227 | 32.66 | 5 | 39 | 33.17 | 5 | 20 |
| 6324120 | SSB2 | 51.71 | 25 | 2235 | 35.89 | 15 | 232 | 35.56 | 15 | 238 | 19.25 | 8 | 19 |
| 6323577 | RPS1B | 11.37 | 3 | 66 | 44.71 | 11 | 295 | 20.78 | 5 | 20 | 21.57 | 5 | 16 |
| 6325157 | ATG21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.83 | 1 | 16 |
| 6323474 | RPS1A | 11.37 | 3 | 32 | 48.24 | 12 | 237 | 20.78 | 5 | 20 | 16.47 | 4 | 15 |
| 398364725 | RPL23B | 5.84 | 1 | 1 | 16.79 | 2 | 14 | 10.95 | 1 | 63 | 31.39 | 3 | 15 |
| 6319972 | SSB1 | 51.71 | 25 | 2462 | 32.46 | 14 | 230 | 34.26 | 15 | 231 | 15.82 | 7 | 15 |
| 154200011 | RPL20B | 20.35 | 4 | 106 | 34.30 | 5 | 192 | 30.81 | 5 | 49 | 29.07 | 4 | 15 |
| 6322989 | UBI4 | 32.89 | 2 | 304 | 0 | 0 | 0 | 50.00 | 3 | 12 | 32.89 | 2 | 15 |
| 9755341 | RPS16A | 29.37 | 4 | 201 | 48.25 | 6 | 47 | 27.27 | 3 | 35 | 28.67 | 3 | 14 |
| 6319378 | RPL32 | 0 | 0 | 0 | 30.00 | 4 | 110 | 17.69 | 2 | 176 | 17.69 | 2 | 14 |
| 6325061 | APL5 | 6.01 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1.93 | 1 | 14 |
| 398364505 | RPS3 | 39.17 | 8 | 296 | 52.92 | 10 | 454 | 21.67 | 4 | 39 | 30.83 | 5 | 13 |
| 398365351 | RPS13 | 23.84 | 3 | 45 | 51.66 | 7 | 277 | 33.77 | 4 | 41 | 33.11 | 4 | 13 |
| 6324260 | RPL16B | 17.17 | 3 | 12 | 19.70 | 4 | 59 | 19.70 | 4 | 82 | 18.69 | 5 | 13 |
| 398365605 | RPS30B | 15.87 | 1 | 6 | 15.87 | 1 | 8 | 0 | 0 | 0 | 28.57 | 3 | 12 |
| 6323481 | RPL6B | 27.27 | 5 | 89 | 37.50 | 6 | 88 | 12.50 | 2 | 55 | 16.48 | 2 | 11 |
| 398365377 | RPS9B | 32.31 | 7 | 80 | 29.74 | 7 | 109 | 12.31 | 2 | 20 | 23.08 | 6 | 11 |
| 6324265 | YDJ1 | 11.25 | 3 | 53 | 5.87 | 2 | 2 | 11.00 | 4 | 24 | 28.36 | 5 | 11 |
| 398364745 | ATP7 | 7.47 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 40.23 | 5 | 11 |
| 6321464 | RPS25A | 21.30 | 3 | 6 | 39.81 | 5 | 49 | 21.30 | 2 | 5 | 14.81 | 3 | 10 |
| 6323077 | RPS0B | 8.33 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 4.76 | 1 | 10 |
| 398365071 | RPS11A | 13.46 | 2 | 6 | 26.28 | 5 | 22 | 14.10 | 2 | 48 | 17.31 | 2 | 10 |
| 6321653 | RPS0A | 8.33 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 4.76 | 1 | 10 |
| 6323465 | CNA1 | 2.53 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 17.36 | 6 | 10 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6321335 | RPL28 | 16.11 | 2 | 6 | 18.79 | 3 | 155 | 17.45 | 3 | 22 | 30.87 | 5 | 9 |
| 6322505 | SSC1 | 29.05 | 15 | 568 | 15.29 | 7 | 37 | 30.73 | 13 | 77 | 6.27 | 3 | 9 |
| 6323567 | RPL6A | 15.34 | 3 | 48 | 31.82 | 5 | 77 | 12.50 | 2 | 40 | 8.52 | 1 | 8 |
| 6321754 | RPL8A | 30.47 | 8 | 88 | 53.52 | 14 | 355 | 35.94 | 10 | 90 | 18.36 | 4 | 8 |
| 6322984 | RPL8B | 30.47 | 8 | 88 | 50.78 | 14 | 377 | 36.72 | 11 | 91 | 18.36 | 4 | 8 |
| 6323615 | RPS18B | 29.45 | 4 | 91 | 41.10 | 6 | 120 | 13.01 | 2 | 5 | 35.62 | 5 | 8 |
| 398366307 | RPA190 | 20.19 | 28 | 190 | 0.72 | 1 | 1 | 0 | 0 | 0 | 0.54 | 1 | 8 |
| 6324637 | RPL3 | 20.67 | 10 | 27 | 27.13 | 8 | 194 | 28.94 | 9 | 144 | 11.37 | 3 | 7 |
| 6320128 | RPL31A | 0 | 0 | 0 | 38.05 | 4 | 18 | 14.16 | 1 | 2 | 30.97 | 3 | 7 |
| 398366143 | RPL31B | 0 | 0 | 0 | 30.09 | 3 | 17 | 14.16 | 1 | 2 | 30.97 | 3 | 7 |
| 398365761 | RPS23A | 0 | 0 | 0 | 13.10 | 2 | 2 | 0 | 0 | 0 | 26.21 | 2 | 7 |
| 6322137 | RPL34B | 6.61 | 1 | 32 | 6.61 | 1 | 49 | 0 | 0 | 0 | 20.66 | 2 | 7 |
| 6321315 | RPS2 | 11.02 | 2 | 27 | 44.49 | 9 | 159 | 13.39 | 2 | 48 | 12.60 | 2 | 6 |
| 6320949 | RPS8B | 14.00 | 2 | 78 | 34.50 | 6 | 280 | 20.50 | 3 | 157 | 21.00 | 3 | 6 |
| 6321798 | RPL27A | 16.91 | 2 | 122 | 37.50 | 6 | 97 | 34.56 | 5 | 68 | 22.06 | 3 | 6 |
| 6325176 | RPS9A | 32.99 | 7 | 73 | 21.32 | 6 | 99 | 4.06 | 1 | 6 | 23.35 | 4 | 6 |
| 86558907 | RHR2 | 24.40 | 5 | 114 | 11.60 | 2 | 23 | 11.20 | 2 | 9 | 15.60 | 3 | 6 |
| 6322058 | RPL16A | 21.61 | 4 | 10 | 14.07 | 3 | 17 | 19.60 | 4 | 30 | 18.59 | 4 | 6 |
| 6324027 | RPS19B | 50.00 | 6 | 230 | 45.14 | 5 | 36 | 20.14 | 2 | 9 | 24.31 | 2 | 6 |
| 6323090 | RPL22A | 18.18 | 1 | 29 | 41.32 | 2 | 5 | 18.18 | 1 | 13 | 32.23 | 2 | 6 |
| 6320142 | RPS29B | 17.86 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 17.86 | 1 | 6 |
| 6324807 | KIN4 | 2.88 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2.38 | 1 | 6 |
| 6321522 | RPL11B | 12.64 | 2 | 26 | 27.59 | 4 | 102 | 8.05 | 1 | 5 | 13.79 | 2 | 5 |
| 6322583 | RPS5 | 26.22 | 6 | 292 | 21.33 | 4 | 331 | 11.56 | 2 | 20 | 12.44 | 2 | 5 |
| 6325126 | RPL5 | 7.74 | 2 | 9 | 21.89 | 4 | 34 | 21.89 | 4 | 29 | 10.77 | 2 | 5 |
| 6323073 | PDC1 | 27.35 | 12 | 175 | 36.41 | 12 | 388 | 29.66 | 10 | 190 | 6.04 | 2 | 5 |
| 398366277 | VMA4 | 40.77 | 8 | 110 | 4.72 | 1 | 4 | 12.45 | 3 | 15 | 21.46 | 3 | 5 |
| 6323824 | HOT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.40 | 2 | 5 |
| 6325066 | NAB3 | 0 | 0 | 0 | 0 | 0 | 0 | 1.87 | 1 | 1 | 7.48 | 4 | 5 |
| 398364517 | RPS24A | 13.33 | 2 | 62 | 37.78 | 5 | 114 | 11.11 | 1 | 38 | 15.56 | 2 | 4 |
| 6321362 | RPL7A | 21.72 | 4 | 67 | 30.74 | 7 | 129 | 27.05 | 6 | 96 | 9.84 | 2 | 4 |
| 6325058 | RPL7B | 18.03 | 3 | 63 | 30.74 | 7 | 98 | 23.36 | 5 | 92 | 9.84 | 2 | 4 |
| 37362649 | GUS1 | 15.96 | 11 | 104 | 7.20 | 5 | 40 | 8.47 | 5 | 20 | 2.82 | 2 | 4 |
| 398365909 | RPL24B | 7.74 | 1 | 1 | 16.77 | 2 | 19 | 0 | 0 | 0 | 16.13 | 3 | 4 |
| 6324707 | EFT1 | 26.01 | 20 | 570 | 13.90 | 10 | 71 | 17.93 | 11 | 84 | 8.19 | 4 | 4 |
| 6323376 | RPL26A | 35.43 | 7 | 49 | 30.71 | 5 | 17 | 18.11 | 3 | 48 | 14.17 | 2 | 4 |
| 116006491 | RPL26B | 35.43 | 7 | 53 | 30.71 | 5 | 17 | 18.11 | 3 | 48 | 14.17 | 2 | 4 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6325006 | RPL36B | 33.00 | 4 | 39 | 42.00 | 5 | 298 | 33.00 | 5 | 53 | 7.00 | 1 | 4 |
| 6323848 | RPL36A | 33.00 | 4 | 39 | 33.00 | 4 | 282 | 23.00 | 3 | 51 | 7.00 | 1 | 4 |
| 398366579 | RPL12B | 33.33 | 4 | 538 | 28.48 | 3 | 144 | 37.58 | 4 | 164 | 16.97 | 2 | 4 |
| 6321540 | NOP7 | 7.93 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2.98 | 1 | 4 |
| 398365599 | PDC6 | 3.37 | 1 | 19 | 3.37 | 1 | 28 | 4.97 | 2 | 66 | 3.37 | 1 | 4 |
| 6323163 | PDC5 | 7.28 | 3 | 35 | 9.59 | 3 | 35 | 7.82 | 2 | 67 | 3.37 | 1 | 4 |
| 6323583 | CMP2 | 2.65 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 8.61 | 3 | 4 |
| 398365991 | CLC1 | 4.29 | 1 | 2 | 6.87 | 1 | 3 | 11.59 | 2 | 16 | 12.45 | 2 | 4 |
| 37362619 | RXT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.72 | 1 | 4 |
| 10383793 | RPS14A | 37.96 | 5 | 133 | 19.71 | 4 | 10 | 29.93 | 3 | 4 | 28.47 | 2 | 3 |
| 6322271 | RPS22A | 23.85 | 3 | 23 | 25.38 | 3 | 24 | 12.31 | 1 | 13 | 19.23 | 2 | 3 |
| 6321407 | RPL24A | 7.74 | 2 | 2 | 22.58 | 3 | 18 | 0 | 0 | 0 | 9.68 | 2 | 3 |
| 6323357 | RPL38 | 32.05 | 2 | 95 | 28.21 | 2 | 16 | 19.23 | 1 | 11 | 19.23 | 1 | 3 |
| 398366183 | HTB1 | 13.74 | 2 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 11.45 | 1 | 3 |
| 398364287 | GCN1 | 8.57 | 20 | 78 | 6.29 | 12 | 47 | 6.96 | 13 | 38 | 0.60 | 1 | 3 |
| 6320016 | VMA1 | 20.63 | 21 | 108 | 5.32 | 4 | 8 | 11.95 | 9 | 75 | 1.87 | 1 | 3 |
| 14318481 | TUB2 | 13.79 | 6 | 99 | 8.75 | 3 | 21 | 6.56 | 2 | 7 | 15.10 | 3 | 3 |
| 398364585 | KAR2 | 14.66 | 8 | 99 | 15.69 | 8 | 154 | 8.21 | 4 | 41 | 1.76 | 1 | 3 |
| 6323196 | RPS31 | 10.53 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 22.37 | 1 | 3 |
| 6321013 | PAB1 | 19.58 | 10 | 168 | 9.01 | 4 | 12 | 5.55 | 2 | 9 | 4.51 | 2 | 3 |
| 6324993 | FUM1 | 9.43 | 4 | 29 | 0 | 0 | 0 | 3.07 | 1 | 2 | 3.28 | 1 | 3 |
| 398366075 | RPS29A | 14.29 | 1 | 1 | 14.29 | 1 | 1 | 0 | 0 | 0 | 17.86 | 1 | 3 |
| 6322755 | YJU2 | 4.32 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 12.23 | 2 | 3 |
| 398366059 | PLP2 | 3.50 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.50 | 1 | 3 |
| 6320718 | SMT3 | 10.89 | 1 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 32.67 | 2 | 3 |
| 398365031 | YBR139W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.10 | 2 | 3 |
| 6321850 | FYV4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.62 | 1 | 3 |
| 398366083 | TDH3 | 52.11 | 14 | 985 | 58.73 | 13 | 441 | 34.64 | 10 | 475 | 7.53 | 2 | 2 |
| 6319279 | CDC19 | 47.00 | 22 | 1858 | 44.00 | 19 | 634 | 31.00 | 14 | 344 | 3.60 | 1 | 2 |
| 6322468 | TDH2 | 44.58 | 12 | 956 | 35.84 | 9 | 361 | 27.71 | 8 | 453 | 7.53 | 2 | 2 |
| 6321249 | RPS26A | 20.17 | 2 | 121 | 20.17 | 2 | 153 | 12.61 | 1 | 3 | 20.17 | 2 | 2 |
| 6321772 | RPS20 | 38.02 | 5 | 361 | 31.40 | 3 | 14 | 9.92 | 1 | 32 | 9.92 | 1 | 2 |
| 14318474 | SEC53 | 25.20 | 6 | 25 | 32.68 | 5 | 15 | 11.81 | 2 | 21 | 5.51 | 1 | 2 |
| 6320589 | YRA1 | 22.12 | 5 | 187 | 9.73 | 2 | 13 | 5.75 | 1 | 2 | 5.75 | 1 | 2 |
| 6320805 | ECM10 | 4.50 | 4 | 64 | 0 | 0 | 0 | 5.12 | 2 | 6 | 1.40 | 1 | 2 |
| 6323776 | ECM16 | 1.66 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1.10 | 1 | 2 |
| 6320596 | RVS167 | 9.75 | 3 | 5 | 0 | 0 | 0 | 14.94 | 4 | 20 | 5.19 | 2 | 2 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|----------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 398366359 | SLH1 | 0.51 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.80 | 2 | 2 |
| 6324321 | SIS1 | 25.00 | 5 | 10 | 6.53 | 2 | 4 | 12.22 | 3 | 5 | 5.97 | 1 | 2 |
| 6319447 | NCL1 | 17.54 | 10 | 77 | 1.90 | 1 | 1 | 0 | 0 | 0 | 5.56 | 2 | 2 |
| 6323112 | EMP70 | 4.35 | 2 | 2 | 2.40 | 1 | 12 | 2.55 | 1 | 11 | 3.15 | 1 | 2 |
| 6324595 | SFM1 | 3.29 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 12.68 | 1 | 2 |
| 330443411 | UBP13 | 1.07 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.21 | 1 | 2 |
| 6323868 | EFR3 | 3.58 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 2.05 | 1 | 2 |
| 330443676 | CDC34 | 8.27 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 2.69 | 1 | 2 |
| 6320615 | TRS120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.16 | 1 | 2 |
| 6323487 | FMP27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.14 | 2 | 2 |
| 6320231 | REG1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.28 | 1 | 1 | 1.58 | 1 | 2 |
| 6324585 | AUS1 | 0 | 0 | 0 | 1.08 | 1 | 5 | 3.59 | 3 | 4 | 1.15 | 1 | 2 |
| 6325048 | RKM1 | 3.43 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 5.32 | 2 | 2 |
| 6323732 | SEG1 | 5.52 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 1.56 | 1 | 2 |
| 398364779 | YGL041W- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13.64 | 1 | 2 |
| 398365827 | CAF130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.07 | 1 | 2 |
| 6325063 | RSA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.30 | 1 | 2 |
| 398365559 | MSH6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.85 | 2 | 2 |
| 398365727 | YNR034W- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11.22 | 1 | 2 |
| 6323683 | YET2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11.88 | 1 | 2 |
| 330443366 | GPB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.14 | 1 | 2 |
| 6325012 | HUT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.19 | 1 | 2 |
| 99030927 | KKQ8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.10 | 1 | 2 |
| 398364567 | MAD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.14 | 2 | 2 |
| 6320763 | RMD6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.49 | 1 | 2 |
| 398365009 | MEC1 | 24.58 | 54 | 2197 | 8.91 | 17 | 163 | 17.53 | 36 | 383 | 0.68 | 1 | 1 |
| 398364407 | RPL9A | 33.51 | 4 | 41 | 24.08 | 4 | 56 | 25.65 | 4 | 105 | 5.24 | 1 | 1 |
| 6324298 | HHF2 | 21.36 | 2 | 7 | 33.01 | 3 | 131 | 40.78 | 4 | 110 | 11.65 | 1 | 1 |
| 6324262 | RPL9B | 33.51 | 4 | 30 | 14.14 | 3 | 43 | 15.71 | 3 | 100 | 5.24 | 1 | 1 |
| 398364523 | TDH1 | 38.25 | 11 | 237 | 39.46 | 10 | 369 | 23.49 | 7 | 348 | 4.22 | 1 | 1 |
| 398364951 | VMA2 | 36.17 | 14 | 511 | 22.63 | 8 | 39 | 24.18 | 9 | 53 | 2.71 | 1 | 1 |
| 6321333 | ARC1 | 14.63 | 5 | 47 | 7.18 | 2 | 2 | 7.18 | 2 | 13 | 4.26 | 1 | 1 |
| 6321408 | RPL30 | 44.76 | 3 | 108 | 39.05 | 4 | 89 | 27.62 | 3 | 36 | 11.43 | 1 | 1 |
| 6324445 | RPL25 | 25.35 | 4 | 68 | 34.51 | 4 | 182 | 42.25 | 5 | 31 | 9.15 | 1 | 1 |
| 6325114 | RPL33A | 24.30 | 2 | 54 | 29.91 | 3 | 83 | 14.95 | 1 | 58 | 10.28 | 1 | 1 |
| 398365881 | RPL33B | 9.35 | 1 | 2 | 29.91 | 3 | 63 | 14.95 | 1 | 51 | 10.28 | 1 | 1 |
| 398364339 | THS1 | 17.44 | 11 | 51 | 3.68 | 2 | 7 | 5.99 | 3 | 6 | 1.23 | 1 | 1 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 330443609 | URA2 | 16.26 | 30 | 229 | 6.01 | 10 | 24 | 4.29 | 7 | 21 | 0.59 | 1 | 1 |
| 6323209 | SAM1 | 13.61 | 5 | 108 | 12.04 | 3 | 22 | 10.99 | 3 | 24 | 2.36 | 1 | 1 |
| 398364415 | HXK1 | 7.01 | 3 | 20 | 6.80 | 3 | 38 | 12.99 | 4 | 11 | 3.71 | 1 | 1 |
| 6321232 | CHC1 | 8.65 | 13 | 75 | 7.20 | 10 | 21 | 6.17 | 8 | 51 | 0.73 | 1 | 1 |
| 6322352 | UTP10 | 2.94 | 4 | 5 | 0 | 0 | 0 | 0.90 | 1 | 1 | 0.90 | 1 | 1 |
| 398366655 | SAM2 | 11.20 | 4 | 36 | 9.11 | 2 | 17 | 8.07 | 2 | 14 | 2.34 | 1 | 1 |
| 6322115 | RPN2 | 15.56 | 13 | 33 | 6.67 | 5 | 11 | 6.03 | 5 | 15 | 1.06 | 1 | 1 |
| 6320073 | RPP1B | 15.09 | 1 | 178 | 15.09 | 1 | 12 | 15.09 | 1 | 2 | 15.09 | 1 | 1 |
| 6320122 | RPP1A | 25.47 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 20.75 | 1 | 1 |
| 6323693 | ERB1 | 3.97 | 3 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 2.60 | 1 | 1 |
| 6320784 | VMA8 | 3.91 | 1 | 8 | 0 | 0 | 0 | 4.30 | 1 | 3 | 4.30 | 1 | 1 |
| 6323087 | SHM2 | 19.83 | 9 | 69 | 6.18 | 2 | 14 | 8.74 | 3 | 32 | 1.92 | 1 | 1 |
| 6320119 | SUB2 | 4.26 | 2 | 3 | 7.62 | 3 | 38 | 3.36 | 1 | 1 | 7.17 | 1 | 1 |
| 6320573 | ESF1 | 7.64 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 2.39 | 1 | 1 |
| 6323179 | STM1 | 13.92 | 2 | 5 | 0 | 0 | 0 | 7.33 | 1 | 11 | 8.79 | 1 | 1 |
| 398366241 | SEN1 | 0.49 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0.58 | 1 | 1 |
| 6323763 | ASC1 | 20.06 | 6 | 254 | 3.76 | 1 | 2 | 4.70 | 1 | 1 | 4.70 | 1 | 1 |
| 6324772 | BFR1 | 17.87 | 7 | 28 | 2.55 | 1 | 3 | 4.04 | 1 | 2 | 3.19 | 1 | 1 |
| 6320175 | ARP2 | 6.91 | 2 | 9 | 0 | 0 | 0 | 11.25 | 3 | 6 | 5.12 | 1 | 1 |
| 398366669 | EMI2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.80 | 1 | 1 |
| 6323389 | RSC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.02 | 1 | 1 |
| 6324663 | VPS21 | 5.24 | 1 | 1 | 12.38 | 2 | 4 | 7.14 | 1 | 1 | 8.57 | 1 | 1 |
| 6319543 | TAT1 | 2.10 | 1 | 1 | 0 | 0 | 0 | 6.46 | 3 | 7 | 4.36 | 1 | 1 |
| 6325417 | KRE6 | 7.92 | 4 | 59 | 2.08 | 1 | 1 | 6.39 | 3 | 11 | 2.64 | 1 | 1 |
| 6324021 | KRI1 | 6.09 | 3 | 8 | 0 | 0 | 0 | 1.69 | 1 | 1 | 2.20 | 1 | 1 |
| 6323454 | YLR422W | 0 | 0 | 0 | 0 | 0 | 0 | 0.47 | 1 | 1 | 0.67 | 1 | 1 |
| 6319756 | PAF1 | 24.04 | 7 | 65 | 0 | 0 | 0 | 0 | 0 | 0 | 2.25 | 1 | 1 |
| 6323725 | SEC14 | 8.55 | 4 | 10 | 3.29 | 1 | 1 | 0 | 0 | 0 | 7.57 | 1 | 1 |
| 6323368 | SGD1 | 3.89 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 2.45 | 1 | 1 |
| 6322598 | IML1 | 4.99 | 6 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 1.14 | 1 | 1 |
| 398366503 | YDR341C | 7.74 | 4 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 1.65 | 1 | 1 |
| 6320423 | RAD9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.45 | 1 | 1 |
| 6325147 | GDE1 | 10.87 | 10 | 38 | 0 | 0 | 0 | 1.23 | 1 | 1 | 1.55 | 1 | 1 |
| 6319585 | CMD1 | 38.10 | 4 | 19 | 8.84 | 1 | 2 | 16.33 | 2 | 6 | 8.84 | 1 | 1 |
| 6322946 | PTR2 | 0 | 0 | 0 | 0 | 0 | 0 | 8.65 | 3 | 42 | 3.66 | 1 | 1 |
| 398366323 | GND2 | 4.47 | 2 | 79 | 2.03 | 1 | 6 | 0 | 0 | 0 | 5.08 | 1 | 1 |
| 6324231 | RAS2 | 18.32 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4.66 | 1 | 1 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6320637 | TIF35 | 15.33 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 2.55 | 1 | 1 |
| 398364223 | NPR2 | 7.80 | 4 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 2.44 | 1 | 1 |
| 6325390 | SPN1 | 13.66 | 5 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 3.41 | 1 | 1 |
| 6324578 | DNL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.69 | 1 | 1 |
| 6319291 | FRT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.84 | 1 | 1 |
| 6322242 | HXT9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.06 | 1 | 1 |
| 6322272 | RPL39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.69 | 1 | 1 |
| 14318518 | VTC2 | 1.81 | 1 | 1 | 1.45 | 1 | 1 | 6.52 | 3 | 3 | 1.57 | 1 | 1 |
| 330443752 | THI22 | 0 | 0 | 0 | 1.75 | 1 | 12 | 3.15 | 2 | 5 | 2.97 | 1 | 1 |
| 6325175 | MOT1 | 0.54 | 1 | 1 | 1.12 | 1 | 1 | 0 | 0 | 0 | 0.80 | 1 | 1 |
| 6322796 | DEF1 | 6.64 | 3 | 7 | 1.08 | 1 | 1 | 0 | 0 | 0 | 4.20 | 1 | 1 |
| 398365059 | PTK2 | 1.47 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.81 | 1 | 1 |
| 6320345 | DOP1 | 1.88 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0.71 | 1 | 1 |
| 6323863 | HFA1 | 0.52 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1.08 | 1 | 1 |
| 6322948 | MLP1 | 1.12 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0.64 | 1 | 1 |
| 6322999 | FRA1 | 2.94 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2.27 | 1 | 1 |
| 6324491 | IRA2 | 0.23 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0.23 | 1 | 1 |
| 6324215 | RPC19 | 37.32 | 4 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 10.56 | 1 | 1 |
| 6320419 | UPC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.40 | 1 | 1 |
| 398364627 | RDH54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.82 | 1 | 1 |
| 6321752 | VMR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.75 | 1 | 1 |
| 6321793 | TIM10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.53 | 1 | 1 |
| 6322032 | BNR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.09 | 1 | 1 |
| 6325074 | RTT10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.69 | 1 | 1 |
| 6325235 | RAD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.82 | 1 | 1 |
| 6323869 | CEF1 | 3.39 | 1 | 1 | 0 | 0 | 0 | 2.20 | 1 | 1 | 2.20 | 1 | 1 |
| 6323917 | TPS3 | 4.46 | 4 | 6 | 0 | 0 | 0 | 1.61 | 1 | 1 | 2.47 | 1 | 1 |
| 6321552 | SPT6 | 8.34 | 11 | 17 | 0 | 0 | 0 | 1.24 | 1 | 1 | 0.69 | 1 | 1 |
| 6320853 | BIM1 | 0 | 0 | 0 | 0 | 0 | 0 | 4.65 | 1 | 1 | 4.07 | 1 | 1 |
| 398364243 | YEL043W | 0 | 0 | 0 | 0 | 0 | 0 | 1.78 | 1 | 1 | 1.15 | 1 | 1 |
| 6320027 | DLD1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.21 | 1 | 1 | 3.58 | 1 | 1 |
| 6323356 | PEX30 | 0 | 0 | 0 | 0 | 0 | 0 | 3.44 | 1 | 1 | 3.25 | 1 | 1 |
| 6320799 | ANP1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.60 | 1 | 2 | 4.40 | 1 | 1 |
| 6324393 | YNR065C | 3.14 | 3 | 57 | 0 | 0 | 0 | 1.25 | 1 | 7 | 1.70 | 1 | 1 |
| 6323266 | THI7 | 0 | 0 | 0 | 0 | 0 | 0 | 5.02 | 2 | 8 | 6.02 | 1 | 1 |
| 6323445 | YLR413W | 2.96 | 2 | 2 | 0 | 0 | 0 | 5.78 | 3 | 14 | 2.52 | 1 | 1 |
| 398364667 | THO2 | 0.63 | 1 | 1 | 0.75 | 1 | 1 | 0 | 0 | 0 | 1.19 | 1 | 1 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|----------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 37362637 | JIP4 | 1.48 | 1 | 1 | 1.03 | 1 | 1 | 0 | 0 | 0 | 1.14 | 1 | 1 |
| 398364707 | AAC3 | 3.58 | 1 | 1 | 6.19 | 2 | 2 | 0 | 0 | 0 | 8.79 | 1 | 1 |
| 6322570 | YMR1 | 1.02 | 1 | 1 | 1.02 | 1 | 2 | 0 | 0 | 0 | 1.74 | 1 | 1 |
| 6324879 | ISW2 | 1.34 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.23 | 1 | 1 |
| 10383772 | LEU2 | 6.32 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6.32 | 1 | 1 |
| 6322079 | HOS4 | 0.92 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.49 | 1 | 1 |
| 6321210 | VID30 | 1.36 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.19 | 1 | 1 |
| 398365701 | YNR029C | 2.10 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4.20 | 1 | 1 |
| 6320692 | VPS52 | 1.40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.03 | 1 | 1 |
| 398365525 | SMD1 | 6.16 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 23.29 | 1 | 1 |
| 6322086 | SLM1 | 1.60 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.75 | 1 | 1 |
| 398364897 | CBP6 | 6.79 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9.26 | 1 | 1 |
| 6323726 | NAM7 | 0.93 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.75 | 1 | 1 |
| 6324982 | SAM4 | 3.08 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5.85 | 1 | 1 |
| 6320324 | VBA4 | 1.69 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.78 | 1 | 1 |
| 6324612 | HIR2 | 1.26 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.29 | 1 | 1 |
| 6324981 | SAM3 | 2.39 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.24 | 1 | 1 |
| 6325379 | AXL1 | 0.99 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0.91 | 1 | 1 |
| 6321020 | BRR2 | 0.46 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0.83 | 1 | 1 |
| 6324694 | GCY1 | 3.21 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6.09 | 1 | 1 |
| 6322312 | DAS1 | 1.06 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.71 | 1 | 1 |
| 398364625 | YKL033W- | 3.81 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 6.36 | 1 | 1 |
| 6320034 | NRP1 | 3.06 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2.50 | 1 | 1 |
| 6325374 | YPR117W | 0.40 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0.68 | 1 | 1 |
| 6324546 | MDM38 | 7.16 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3.66 | 1 | 1 |
| 6323289 | LCB5 | 2.33 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2.33 | 1 | 1 |
| 6321205 | TAN1 | 13.84 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 3.11 | 1 | 1 |
| 6319351 | PHO11 | 1.71 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4.71 | 1 | 1 |
| 6319523 | REB1 | 6.67 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 3.70 | 1 | 1 |
| 6320921 | YER077C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.05 | 1 | 1 |
| 6320826 | GLC3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.41 | 1 | 1 |
| 398365141 | INP53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.99 | 1 | 1 |
| 398366583 | SIP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.70 | 1 | 1 |
| 398364669 | MAD3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.88 | 1 | 1 |
| 6322700 | DBR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.95 | 1 | 1 |
| 6323317 | YLR287C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.20 | 1 | 1 |
| 398365819 | SAN1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.44 | 1 | 1 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6319273 | PTA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.78 | 1 | 1 |
| 6323592 | RSE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.88 | 1 | 1 |
| 398364677 | GLE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.56 | 1 | 1 |
| 6324505 | RTG1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.73 | 1 | 1 |
| 6325281 | YME1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.09 | 1 | 1 |
| 6320159 | FAD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.88 | 1 | 1 |
| 6319711 | ARC40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.65 | 1 | 1 |
| 6323933 | FCP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.96 | 1 | 1 |
| 6323641 | YML002W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.90 | 1 | 1 |
| 6323762 | MGR3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.39 | 1 | 1 |
| 6324948 | NDD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.61 | 1 | 1 |
| 398365185 | AZF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.94 | 1 | 1 |
| 6325040 | YPL216W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.27 | 1 | 1 |
| 6322932 | TRZ1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.82 | 1 | 1 |
| 6322965 | AYT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.85 | 1 | 1 |
| 398366037 | NUP42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.51 | 1 | 1 |
| 398364347 | GPA2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.34 | 1 | 1 |
| 6322492 | CPR7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.07 | 1 | 1 |
| 37362610 | FUN19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.30 | 1 | 1 |
| 398364541 | INP51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.96 | 1 | 1 |
| 6323580 | OGG1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.26 | 1 | 1 |
| 398366675 | AGE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.32 | 1 | 1 |
| 6320060 | BPL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.61 | 1 | 1 |
| 330443457 | BMT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.23 | 1 | 1 |
| 6323385 | BUD8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.64 | 1 | 1 |
| 398364867 | CTR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.88 | 1 | 1 |
| 398364539 | RTT101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.66 | 1 | 1 |
| 398364351 | CUP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.22 | 1 | 1 |
| 6323896 | CUS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.52 | 1 | 1 |
| 6323760 | FOL3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.45 | 1 | 1 |
| 398365821 | EFM2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.44 | 1 | 1 |
| 6322629 | FRE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.36 | 1 | 1 |
| 6322324 | GLG2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.37 | 1 | 1 |
| 6321676 | YGR237C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.27 | 1 | 1 |
| 6322432 | YJL028W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.11 | 1 | 1 |
| 6322498 | YJR039W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.43 | 1 | 1 |
| 6323075 | YLR046C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.44 | 1 | 1 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|----------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 398365335 | YNL033W | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.93 | 1 | 1 |
| 33438893 | YPL119C- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.29 | 1 | 1 |
| 6322579 | JHD2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.43 | 1 | 1 |
| 6324141 | KAR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.31 | 1 | 1 |
| 10383756 | LRE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.77 | 1 | 1 |
| 398364917 | NHP10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.93 | 1 | 1 |
| 6323035 | NSE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.85 | 1 | 1 |
| 50593425 | OMA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.77 | 1 | 1 |
| 6321910 | ORC6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.75 | 1 | 1 |
| 6322494 | PET191 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23.15 | 1 | 1 |
| 398365057 | SPO14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.83 | 1 | 1 |
| 398364971 | TRP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11.16 | 1 | 1 |
| 398365003 | PSF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.69 | 1 | 1 |
| 6321697 | RAD2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.78 | 1 | 1 |
| 6319525 | REG2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.85 | 1 | 1 |
| 6320271 | RTR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.61 | 1 | 1 |
| 6324162 | SKO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.40 | 1 | 1 |
| 398366633 | SNM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.05 | 1 | 1 |
| 6322778 | STB6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.61 | 1 | 1 |
| 6325081 | TRE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.68 | 1 | 1 |
| 6324447 | TRM13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.52 | 1 | 1 |
| 6323236 | HRD3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.80 | 1 | 1 |
| 6325184 | UBP16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.61 | 1 | 1 |
| 398364885 | UBP5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.86 | 1 | 1 |
| 6325071 | UIP4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.20 | 1 | 1 |
| 398365127 | UIP5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.74 | 1 | 1 |
| 6319904 | YIH1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11.24 | 1 | 1 |
| 6325266 | SUT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.46 | 1 | 1 |
| 6324449 | HRP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.31 | 1 | 1 |
| 6323278 | YEF3 | 19.44 | 17 | 205 | 10.63 | 9 | 72 | 12.36 | 12 | 100 | 0 | 0 | 0 |
| 6322084 | PFK26 | 37.00 | 27 | 1046 | 48.85 | 32 | 1153 | 45.59 | 28 | 1064 | 0 | 0 | 0 |
| 6323057 | RPL15A | 25.49 | 5 | 82 | 24.02 | 4 | 76 | 11.27 | 2 | 4 | 0 | 0 | 0 |
| 6323769 | RPL15B | 25.49 | 5 | 75 | 20.59 | 3 | 58 | 7.84 | 1 | 3 | 0 | 0 | 0 |
| 6319282 | FUN12 | 15.77 | 13 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320190 | NOP1 | 19.27 | 5 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323654 | CLU1 | 22.08 | 21 | 499 | 0 | 0 | 0 | 6.11 | 5 | 10 | 0 | 0 | 0 |
| 6324886 | NOP58 | 17.42 | 7 | 21 | 0 | 0 | 0 | 15.85 | 5 | 11 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6323226 | NOP56 | 18.65 | 7 | 25 | 0 | 0 | 0 | 10.52 | 3 | 10 | 0 | 0 | 0 |
| 37362658 | SSZ1 | 26.39 | 11 | 119 | 17.29 | 6 | 51 | 13.75 | 5 | 14 | 0 | 0 | 0 |
| 6324452 | RPL18A | 23.66 | 4 | 161 | 22.04 | 4 | 311 | 12.37 | 2 | 89 | 0 | 0 | 0 |
| 398366653 | LCD1 | 31.99 | 21 | 565 | 6.43 | 5 | 27 | 16.47 | 9 | 86 | 0 | 0 | 0 |
| 6322313 | RPA34 | 44.64 | 7 | 48 | 32.62 | 6 | 71 | 26.61 | 4 | 150 | 0 | 0 | 0 |
| 398364437 | RPL1B | 6.45 | 2 | 9 | 28.11 | 5 | 343 | 24.42 | 5 | 136 | 0 | 0 | 0 |
| 6321968 | ENO2 | 37.76 | 15 | 1712 | 50.57 | 14 | 415 | 46.00 | 16 | 633 | 0 | 0 | 0 |
| 398365729 | DED1 | 24.83 | 12 | 51 | 15.40 | 6 | 40 | 5.13 | 2 | 2 | 0 | 0 | 0 |
| 6323566 | FPR3 | 2.68 | 1 | 73 | 2.68 | 1 | 1 | 4.14 | 1 | 2 | 0 | 0 | 0 |
| 398366315 | ENO1 | 38.44 | 14 | 1548 | 47.14 | 13 | 427 | 35.70 | 12 | 518 | 0 | 0 | 0 |
| 10383781 | PGK1 | 40.14 | 16 | 691 | 39.90 | 13 | 164 | 37.50 | 14 | 273 | 0 | 0 | 0 |
| 6321874 | KSP1 | 11.08 | 9 | 148 | 0 | 0 | 0 | 2.62 | 2 | 3 | 0 | 0 | 0 |
| 6321531 | VAS1 | 23.82 | 23 | 229 | 5.71 | 5 | 7 | 5.25 | 4 | 5 | 0 | 0 | 0 |
| 6322769 | TEF4 | 14.08 | 5 | 173 | 9.71 | 3 | 24 | 22.57 | 7 | 65 | 0 | 0 | 0 |
| 398366187 | HTA1 | 6.82 | 1 | 15 | 6.82 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443451 | GRS1 | 25.49 | 17 | 98 | 2.40 | 1 | 1 | 6.60 | 3 | 10 | 0 | 0 | 0 |
| 6321203 | ADE5,7 | 15.71 | 9 | 23 | 4.99 | 3 | 5 | 9.10 | 5 | 14 | 0 | 0 | 0 |
| 6324486 | ADH1 | 31.90 | 11 | 1603 | 43.10 | 10 | 217 | 46.55 | 13 | 501 | 0 | 0 | 0 |
| 6323371 | RPP0 | 15.38 | 4 | 115 | 24.04 | 7 | 186 | 28.85 | 7 | 157 | 0 | 0 | 0 |
| 6323886 | RPS10B | 7.62 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320009 | ARF1 | 18.78 | 3 | 11 | 13.81 | 2 | 25 | 29.28 | 4 | 54 | 0 | 0 | 0 |
| 6321429 | LEU1 | 26.57 | 18 | 905 | 10.01 | 7 | 88 | 7.32 | 4 | 22 | 0 | 0 | 0 |
| 6323204 | CBF5 | 3.93 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320064 | ARF2 | 18.78 | 3 | 11 | 13.81 | 2 | 10 | 23.76 | 3 | 24 | 0 | 0 | 0 |
| 6321265 | XRN1 | 10.67 | 12 | 49 | 0 | 0 | 0 | 3.01 | 3 | 4 | 0 | 0 | 0 |
| 6323904 | RKR1 | 17.99 | 26 | 637 | 5.06 | 6 | 12 | 3.20 | 5 | 18 | 0 | 0 | 0 |
| 6322790 | FBA1 | 12.81 | 3 | 602 | 18.11 | 5 | 59 | 24.51 | 5 | 160 | 0 | 0 | 0 |
| 6324562 | HTZ1 | 7.46 | 1 | 1 | 0 | 0 | 0 | 7.46 | 1 | 3 | 0 | 0 | 0 |
| 6321231 | SPT16 | 5.60 | 5 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365455 | TEF3 | 3.07 | 3 | 71 | 2.59 | 2 | 2 | 2.01 | 2 | 19 | 0 | 0 | 0 |
| 398366333 | FPR4 | 0 | 0 | 0 | 0 | 0 | 0 | 4.34 | 1 | 2 | 0 | 0 | 0 |
| 398364607 | DBP3 | 20.46 | 9 | 74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324534 | RPP2A | 61.32 | 4 | 75 | 37.74 | 2 | 6 | 50.94 | 3 | 10 | 0 | 0 | 0 |
| 6321430 | PMA1 | 16.12 | 14 | 78 | 19.93 | 13 | 99 | 14.16 | 11 | 138 | 0 | 0 | 0 |
| 398364809 | DBP2 | 15.57 | 8 | 18 | 9.16 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319668 | RPL21A | 21.88 | 4 | 21 | 21.88 | 4 | 106 | 16.25 | 3 | 16 | 0 | 0 | 0 |
| 6323981 | FET4 | 11.23 | 5 | 18 | 1.99 | 1 | 24 | 8.51 | 4 | 52 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6321807 | DED81 | 13.18 | 6 | 32 | 5.96 | 2 | 5 | 10.11 | 4 | 20 | 0 | 0 | 0 |
| 398364767 | SUI2 | 25.33 | 6 | 20 | 3.62 | 1 | 1 | 9.21 | 2 | 5 | 0 | 0 | 0 |
| 6323011 | DPS1 | 20.65 | 10 | 56 | 1.62 | 1 | 2 | 3.23 | 1 | 3 | 0 | 0 | 0 |
| 6323885 | RRP5 | 4.80 | 8 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366547 | RPP2B | 50.00 | 4 | 138 | 40.00 | 2 | 2 | 61.82 | 5 | 33 | 0 | 0 | 0 |
| 6323288 | HSP60 | 35.49 | 16 | 256 | 33.39 | 14 | 215 | 31.82 | 13 | 167 | 0 | 0 | 0 |
| 6321599 | NSR1 | 11.11 | 3 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320863 | GCD11 | 22.39 | 10 | 73 | 3.23 | 1 | 3 | 9.11 | 3 | 9 | 0 | 0 | 0 |
| 398366591 | NPL3 | 14.73 | 4 | 20 | 15.70 | 4 | 215 | 10.87 | 3 | 13 | 0 | 0 | 0 |
| 6319483 | IPP1 | 19.86 | 5 | 89 | 17.07 | 3 | 30 | 30.66 | 5 | 28 | 0 | 0 | 0 |
| 6325221 | PMA2 | 12.35 | 11 | 75 | 14.99 | 11 | 86 | 10.77 | 9 | 133 | 0 | 0 | 0 |
| 6322745 | GFA1 | 16.32 | 7 | 75 | 9.90 | 5 | 26 | 18.41 | 8 | 30 | 0 | 0 | 0 |
| 398364525 | LSG1 | 14.22 | 8 | 10 | 1.72 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325038 | SAR1 | 25.79 | 4 | 33 | 20.53 | 3 | 53 | 6.84 | 1 | 1 | 0 | 0 | 0 |
| 6323840 | HSC82 | 34.04 | 23 | 914 | 17.02 | 10 | 109 | 21.13 | 12 | 62 | 0 | 0 | 0 |
| 6321881 | GAR1 | 0 | 0 | 0 | 0 | 0 | 0 | 6.34 | 1 | 1 | 0 | 0 | 0 |
| 6320164 | NAT1 | 5.62 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366403 | RPS12 | 22.38 | 3 | 21 | 7.69 | 2 | 4 | 26.57 | 4 | 65 | 0 | 0 | 0 |
| 6322830 | CDC16 | 21.19 | 17 | 255 | 15.48 | 11 | 86 | 17.74 | 11 | 83 | 0 | 0 | 0 |
| 330443397 | ATP1 | 10.46 | 5 | 43 | 19.45 | 9 | 89 | 21.10 | 8 | 47 | 0 | 0 | 0 |
| 6324709 | IDH2 | 23.85 | 7 | 188 | 15.99 | 4 | 19 | 15.99 | 4 | 19 | 0 | 0 | 0 |
| 6325178 | RPL21B | 21.88 | 4 | 21 | 21.88 | 4 | 106 | 16.25 | 3 | 16 | 0 | 0 | 0 |
| 6321903 | UBA4 | 28.86 | 13 | 382 | 23.18 | 11 | 343 | 15.00 | 6 | 159 | 0 | 0 | 0 |
| 6325138 | DBP1 | 6.32 | 4 | 36 | 1.78 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325248 | TAE2 | 1.16 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443505 | DBP10 | 4.52 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320148 | PSA1 | 10.25 | 3 | 4 | 21.61 | 5 | 36 | 16.07 | 5 | 57 | 0 | 0 | 0 |
| 6325016 | HSP82 | 31.17 | 21 | 887 | 19.32 | 11 | 110 | 21.44 | 12 | 63 | 0 | 0 | 0 |
| 6320874 | ARB1 | 20.82 | 9 | 113 | 8.52 | 4 | 9 | 9.67 | 4 | 8 | 0 | 0 | 0 |
| 6319673 | PGI1 | 12.09 | 6 | 72 | 0 | 0 | 0 | 2.53 | 1 | 1 | 0 | 0 | 0 |
| 398365251 | GSC2 | 3.43 | 6 | 9 | 6.60 | 9 | 130 | 16.89 | 21 | 465 | 0 | 0 | 0 |
| 6325018 | SUI3 | 35.44 | 8 | 73 | 0 | 0 | 0 | 4.56 | 1 | 1 | 0 | 0 | 0 |
| 6323374 | FKS1 | 9.49 | 14 | 41 | 8.80 | 12 | 156 | 19.03 | 26 | 633 | 0 | 0 | 0 |
| 14318479 | ACT1 | 20.53 | 7 | 65 | 14.93 | 5 | 49 | 23.20 | 6 | 55 | 0 | 0 | 0 |
| 6323554 | TUB1 | 10.96 | 5 | 90 | 5.37 | 2 | 2 | 8.05 | 3 | 3 | 0 | 0 | 0 |
| 6321724 | ZUO1 | 20.09 | 7 | 55 | 21.94 | 5 | 21 | 3.70 | 1 | 4 | 0 | 0 | 0 |
| 6320842 | NUG1 | 10.58 | 4 | 4 | 2.50 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6321027 | DMC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364483 | HOR2 | 17.20 | 4 | 100 | 6.00 | 1 | 22 | 6.00 | 1 | 8 | 0 | 0 | 0 |
| 398365429 | PDR5 | 10.13 | 12 | 19 | 0 | 0 | 0 | 17.94 | 19 | 375 | 0 | 0 | 0 |
| 6325245 | RRP12 | 5.54 | 6 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364937 | TOP2 | 0.77 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324660 | TCB1 | 1.01 | 1 | 1 | 1.26 | 1 | 1 | 1.60 | 1 | 2 | 0 | 0 | 0 |
| 6320056 | COP1 | 11.32 | 11 | 20 | 0.67 | 1 | 1 | 6.74 | 5 | 12 | 0 | 0 | 0 |
| 398365597 | BMH2 | 24.54 | 7 | 105 | 8.42 | 1 | 11 | 15.38 | 3 | 12 | 0 | 0 | 0 |
| 6325030 | NEW1 | 8.53 | 9 | 24 | 2.84 | 3 | 3 | 0.84 | 1 | 2 | 0 | 0 | 0 |
| 6321809 | RPS27B | 9.76 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321012 | CHD1 | 5.72 | 7 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320499 | SSD1 | 4.88 | 5 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323072 | TRX1 | 45.63 | 4 | 105 | 9.71 | 1 | 1 | 24.27 | 2 | 8 | 0 | 0 | 0 |
| 6325238 | VTC3 | 2.75 | 2 | 2 | 1.56 | 1 | 1 | 10.18 | 6 | 32 | 0 | 0 | 0 |
| 398365319 | MAK21 | 10.15 | 7 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364327 | LSB3 | 22.88 | 8 | 72 | 0 | 0 | 0 | 7.84 | 2 | 2 | 0 | 0 | 0 |
| 6319513 | ATP3 | 18.97 | 6 | 44 | 8.68 | 2 | 6 | 17.04 | 4 | 6 | 0 | 0 | 0 |
| 6324140 | SRP1 | 5.35 | 3 | 27 | 2.40 | 1 | 1 | 2.40 | 1 | 14 | 0 | 0 | 0 |
| 6324297 | HHT2 | 0 | 0 | 0 | 5.15 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323306 | DBP9 | 10.61 | 6 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324039 | RFC3 | 17.35 | 5 | 7 | 0 | 0 | 0 | 3.24 | 1 | 1 | 0 | 0 | 0 |
| 6321193 | RTF1 | 14.87 | 8 | 127 | 1.97 | 1 | 1 | 2.33 | 1 | 4 | 0 | 0 | 0 |
| 398366149 | TRX2 | 58.65 | 5 | 183 | 9.62 | 1 | 1 | 12.50 | 1 | 4 | 0 | 0 | 0 |
| 6322452 | CCT8 | 19.72 | 10 | 32 | 13.03 | 6 | 15 | 6.34 | 3 | 46 | 0 | 0 | 0 |
| 6321679 | PFK1 | 24.11 | 19 | 339 | 10.03 | 7 | 29 | 10.64 | 8 | 46 | 0 | 0 | 0 |
| 6324219 | NOP15 | 4.09 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443717 | CTR9 | 16.06 | 15 | 62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323755 | ILV2 | 9.75 | 5 | 49 | 6.26 | 3 | 10 | 10.77 | 4 | 7 | 0 | 0 | 0 |
| 6320276 | PAA1 | 9.95 | 2 | 3 | 6.81 | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6681849 | RPL42A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318517 | SEC4 | 15.81 | 3 | 6 | 5.12 | 1 | 2 | 8.37 | 1 | 10 | 0 | 0 | 0 |
| 6320400 | MSS116 | 3.92 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321389 | TIF4632 | 4.92 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324081 | RPA49 | 32.53 | 11 | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366347 | MES1 | 17.44 | 12 | 33 | 0 | 0 | 0 | 3.46 | 2 | 7 | 0 | 0 | 0 |
| 6320418 | TCP1 | 19.50 | 10 | 146 | 10.38 | 5 | 20 | 10.02 | 4 | 24 | 0 | 0 | 0 |
| 398365595 | PIL1 | 34.51 | 8 | 113 | 27.73 | 6 | 33 | 34.51 | 7 | 42 | 0 | 0 | 0 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 398364417 | SAH1 | 13.14 | 5 | 94 | 2.67 | 1 | 1 | 3.34 | 1 | 1 | 0 | 0 | 0 |
| 6320396 | RVB1 | 16.41 | 6 | 26 | 2.59 | 1 | 1 | 5.40 | 2 | 2 | 0 | 0 | 0 |
| 6320077 | CDC48 | 13.05 | 8 | 44 | 8.02 | 5 | 32 | 9.10 | 5 | 12 | 0 | 0 | 0 |
| 6325025 | FAS2 | 13.94 | 21 | 150 | 14.84 | 20 | 126 | 18.02 | 23 | 146 | 0 | 0 | 0 |
| 6324517 | THI20 | 14.52 | 6 | 32 | 30.67 | 15 | 548 | 31.22 | 14 | 411 | 0 | 0 | 0 |
| 6323030 | NOC3 | 1.96 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320143 | TSR1 | 4.44 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321318 | PRP43 | 7.17 | 5 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319618 | MAK5 | 9.44 | 7 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364755 | URB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320780 | POL5 | 4.79 | 4 | 4 | 0 | 0 | 0 | 1.47 | 1 | 1 | 0 | 0 | 0 |
| 6325021 | RVB2 | 18.47 | 7 | 34 | 5.10 | 2 | 2 | 6.58 | 2 | 3 | 0 | 0 | 0 |
| 6322350 | CCT7 | 15.64 | 6 | 48 | 16.36 | 7 | 66 | 8.91 | 4 | 21 | 0 | 0 | 0 |
| 14270688 | UTP20 | 1.20 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324197 | KRE33 | 5.40 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321816 | RPN1 | 13.39 | 11 | 53 | 2.52 | 2 | 2 | 5.24 | 4 | 9 | 0 | 0 | 0 |
| 6322901 | NAP1 | 9.83 | 3 | 5 | 4.08 | 1 | 1 | 8.15 | 2 | 10 | 0 | 0 | 0 |
| 6320030 | GLT1 | 6.90 | 12 | 135 | 5.59 | 10 | 19 | 0.65 | 1 | 10 | 0 | 0 | 0 |
| 6323470 | CAR2 | 6.84 | 2 | 9 | 14.39 | 3 | 12 | 11.79 | 3 | 12 | 0 | 0 | 0 |
| 6320956 | KAP123 | 16.80 | 13 | 66 | 10.15 | 8 | 42 | 8.09 | 7 | 34 | 0 | 0 | 0 |
| 398365941 | SEC7 | 4.13 | 7 | 9 | 1.99 | 2 | 2 | 0.70 | 1 | 1 | 0 | 0 | 0 |
| 6323324 | GSP1 | 14.61 | 3 | 27 | 9.59 | 2 | 6 | 5.02 | 1 | 1 | 0 | 0 | 0 |
| 6322697 | GPM1 | 36.44 | 7 | 433 | 29.15 | 6 | 24 | 27.94 | 5 | 123 | 0 | 0 | 0 |
| 6325013 | SRP68 | 2.17 | 1 | 11 | 1.34 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322103 | AVT7 | 0 | 0 | 0 | 1.63 | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322049 | CCT2 | 32.26 | 12 | 51 | 20.30 | 8 | 38 | 14.99 | 5 | 28 | 0 | 0 | 0 |
| 330443694 | SLA2 | 19.42 | 14 | 86 | 3.00 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321804 | YSC84 | 12.18 | 5 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366021 | CCT6 | 8.24 | 4 | 52 | 11.17 | 5 | 15 | 3.66 | 1 | 1 | 0 | 0 | 0 |
| 6324042 | SEC21 | 8.66 | 5 | 6 | 3.32 | 2 | 5 | 5.45 | 4 | 14 | 0 | 0 | 0 |
| 398364741 | SCS2 | 11.48 | 2 | 5 | 11.89 | 2 | 9 | 27.05 | 4 | 16 | 0 | 0 | 0 |
| 6325253 | LSP1 | 29.91 | 8 | 86 | 13.20 | 3 | 17 | 10.26 | 2 | 20 | 0 | 0 | 0 |
| 6321390 | RPT6 | 15.06 | 5 | 17 | 10.37 | 3 | 28 | 14.07 | 4 | 27 | 0 | 0 | 0 |
| 398364807 | PNC1 | 13.43 | 2 | 129 | 13.43 | 2 | 7 | 9.26 | 1 | 1 | 0 | 0 | 0 |
| 6325164 | NOG1 | 17.62 | 8 | 12 | 2.78 | 1 | 12 | 2.01 | 1 | 1 | 0 | 0 | 0 |
| 6319814 | GRX1 | 20.00 | 2 | 6 | 25.45 | 2 | 14 | 11.82 | 1 | 1 | 0 | 0 | 0 |
| 6322823 | MAE1 | 5.68 | 3 | 4 | 1.20 | 1 | 1 | 2.39 | 1 | 2 | 0 | 0 | 0 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6320255 | TPI1 | 15.32 | 3 | 139 | 0 | 0 | 0 | 14.52 | 2 | 2 | 0 | 0 | 0 |
| 6320983 | GDI1 | 3.10 | 1 | 15 | 4.21 | 1 | 1 | 3.10 | 1 | 6 | 0 | 0 | 0 |
| 398365205 | RPT5 | 24.65 | 8 | 29 | 12.21 | 4 | 12 | 13.13 | 4 | 10 | 0 | 0 | 0 |
| 6324992 | KEL3 | 6.30 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323028 | DNM1 | 1.59 | 1 | 1 | 0 | 0 | 0 | 1.85 | 1 | 1 | 0 | 0 | 0 |
| 398365977 | RPT4 | 10.07 | 4 | 15 | 10.98 | 4 | 26 | 2.52 | 1 | 4 | 0 | 0 | 0 |
| 6320058 | CCT4 | 11.74 | 6 | 70 | 9.66 | 4 | 48 | 10.98 | 4 | 48 | 0 | 0 | 0 |
| 6320379 | HMO1 | 16.67 | 3 | 29 | 4.88 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322508 | CYC1 | 7.34 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325137 | VPS30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321301 | SEC27 | 8.10 | 6 | 10 | 3.04 | 2 | 5 | 2.70 | 1 | 1 | 0 | 0 | 0 |
| 6321673 | YHB1 | 6.77 | 2 | 15 | 0 | 0 | 0 | 3.51 | 1 | 1 | 0 | 0 | 0 |
| 27469359 | SYN8 | 13.33 | 3 | 6 | 0 | 0 | 0 | 5.88 | 1 | 6 | 0 | 0 | 0 |
| 6324433 | CDC33 | 25.82 | 6 | 94 | 0 | 0 | 0 | 12.68 | 2 | 12 | 0 | 0 | 0 |
| 6323571 | POB3 | 3.62 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365157 | NOP2 | 19.09 | 9 | 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321228 | YPT32 | 30.18 | 5 | 6 | 16.22 | 3 | 7 | 5.86 | 1 | 1 | 0 | 0 | 0 |
| 398366559 | RPT3 | 4.91 | 2 | 10 | 7.01 | 2 | 13 | 8.64 | 2 | 3 | 0 | 0 | 0 |
| 6322704 | RPT1 | 11.56 | 5 | 27 | 10.71 | 4 | 9 | 5.78 | 2 | 5 | 0 | 0 | 0 |
| 398366379 | PRT1 | 13.50 | 8 | 14 | 2.62 | 2 | 2 | 6.95 | 3 | 6 | 0 | 0 | 0 |
| 398365125 | PDA1 | 2.14 | 1 | 1 | 4.76 | 2 | 18 | 2.62 | 1 | 6 | 0 | 0 | 0 |
| 398364913 | GND1 | 19.43 | 8 | 91 | 5.52 | 2 | 11 | 6.34 | 2 | 9 | 0 | 0 | 0 |
| 6322637 | SAC1 | 0 | 0 | 0 | 4.82 | 2 | 6 | 7.54 | 3 | 11 | 0 | 0 | 0 |
| 398365933 | CYS4 | 25.05 | 12 | 124 | 3.35 | 1 | 11 | 16.77 | 5 | 13 | 0 | 0 | 0 |
| 6323903 | FAA4 | 7.06 | 4 | 28 | 5.33 | 3 | 7 | 3.46 | 2 | 34 | 0 | 0 | 0 |
| 6319806 | PDI1 | 17.62 | 7 | 59 | 9.39 | 3 | 23 | 19.54 | 6 | 69 | 0 | 0 | 0 |
| 6323512 | PHO84 | 10.73 | 6 | 73 | 9.88 | 3 | 33 | 17.21 | 8 | 305 | 0 | 0 | 0 |
| 6325367 | RPC40 | 17.01 | 4 | 34 | 5.37 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319835 | GBP2 | 5.15 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319290 | MYO4 | 0.68 | 1 | 1 | 0 | 0 | 0 | 1.22 | 1 | 1 | 0 | 0 | 0 |
| 14318531 | GCN20 | 11.44 | 8 | 43 | 0 | 0 | 0 | 1.86 | 1 | 1 | 0 | 0 | 0 |
| 6320869 | YPT31 | 16.14 | 3 | 4 | 16.14 | 3 | 7 | 11.21 | 2 | 2 | 0 | 0 | 0 |
| 398365617 | UTP22 | 5.25 | 5 | 7 | 0 | 0 | 0 | 2.18 | 2 | 2 | 0 | 0 | 0 |
| 398366209 | RTN1 | 9.83 | 2 | 9 | 9.83 | 2 | 10 | 9.83 | 2 | 3 | 0 | 0 | 0 |
| 6325097 | CDC60 | 11.74 | 10 | 24 | 4.50 | 4 | 14 | 3.12 | 3 | 5 | 0 | 0 | 0 |
| 6323294 | RPS28B | 31.34 | 2 | 80 | 13.43 | 1 | 1 | 17.91 | 1 | 6 | 0 | 0 | 0 |
| 6325151 | SSE1 | 23.95 | 15 | 74 | 15.15 | 8 | 24 | 14.29 | 7 | 43 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 398366337 | APL6 | 10.38 | 8 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320242 | KRS1 | 17.26 | 9 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324705 | YOR131C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319760 | SSH1 | 0 | 0 | 0 | 4.29 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323335 | ACO1 | 12.85 | 8 | 11 | 3.34 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443748 | GLN1 | 9.19 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319464 | SLA1 | 8.68 | 6 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14627173 | BBC1 | 12.53 | 12 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364931 | URB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325423 | RHO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321837 | AAP1 | 2.69 | 2 | 2 | 0 | 0 | 0 | 1.64 | 1 | 2 | 0 | 0 | 0 |
| 6319281 | RBG1 | 11.11 | 3 | 3 | 0 | 0 | 0 | 4.34 | 1 | 3 | 0 | 0 | 0 |
| 6323379 | KAP95 | 4.88 | 4 | 9 | 0 | 0 | 0 | 3.72 | 2 | 3 | 0 | 0 | 0 |
| 398366047 | RNR4 | 24.64 | 7 | 122 | 5.51 | 1 | 2 | 10.14 | 2 | 11 | 0 | 0 | 0 |
| 6322446 | CCT3 | 29.59 | 14 | 69 | 4.12 | 2 | 28 | 10.49 | 4 | 15 | 0 | 0 | 0 |
| 398365063 | LAT1 | 7.26 | 3 | 5 | 13.69 | 6 | 59 | 27.80 | 7 | 48 | 0 | 0 | 0 |
| 6322427 | HCA4 | 3.64 | 2 | 7 | 0.91 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322073 | RHO3 | 0 | 0 | 0 | 5.63 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324630 | NOB1 | 1.96 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364409 | RET2 | 2.93 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319796 | SPB1 | 4.52 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323968 | PSE1 | 2.20 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322934 | RPF2 | 2.62 | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365233 | RPS21A | 25.29 | 2 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322325 | RPS21B | 25.29 | 2 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366473 | SSF2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86559466 | CTT1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325449 | QCR2 | 2.72 | 1 | 1 | 8.42 | 2 | 4 | 4.08 | 1 | 1 | 0 | 0 | 0 |
| 6323537 | TSL1 | 5.46 | 5 | 5 | 3.73 | 3 | 7 | 1.46 | 1 | 1 | 0 | 0 | 0 |
| 6320914 | RNR1 | 9.12 | 6 | 12 | 1.58 | 1 | 1 | 1.46 | 1 | 2 | 0 | 0 | 0 |
| 6323182 | ACS2 | 10.25 | 7 | 25 | 2.64 | 1 | 1 | 5.27 | 2 | 2 | 0 | 0 | 0 |
| 6319432 | URA7 | 22.11 | 11 | 81 | 2.42 | 1 | 3 | 7.25 | 3 | 4 | 0 | 0 | 0 |
| 6323135 | MDN1 | 4.13 | 15 | 28 | 0.73 | 3 | 5 | 0.86 | 3 | 5 | 0 | 0 | 0 |
| 398365477 | ATP2 | 16.83 | 7 | 27 | 23.87 | 9 | 51 | 7.44 | 2 | 8 | 0 | 0 | 0 |
| 6322988 | VPS13 | 12.15 | 30 | 70 | 1.11 | 3 | 3 | 2.54 | 5 | 10 | 0 | 0 | 0 |
| 6322794 | TMA19 | 25.15 | 4 | 120 | 9.58 | 1 | 6 | 17.96 | 2 | 25 | 0 | 0 | 0 |
| 6323037 | RLP24 | 5.03 | 1 | 1 | 6.53 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 398364441 | NOT3 | 5.38 | 4 | 6 | 1.67 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366191 | RPN13 | 21.15 | 2 | 6 | 21.15 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321453 | YGR016W | 5.26 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320930 | ILV1 | 1.39 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323016 | PUF3 | 1.93 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362700 | SRP72 | 7.19 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321326 | TAF6 | 8.91 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322565 | ADO1 | 11.47 | 3 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319722 | ISW1 | 6.29 | 6 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443605 | SET2 | 9.96 | 6 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365101 | ARP3 | 7.35 | 3 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321780 | STE20 | 25.77 | 17 | 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321776 | PRS3 | 6.56 | 2 | 2 | 2.81 | 1 | 1 | 5.94 | 1 | 1 | 0 | 0 | 0 |
| 6323214 | RPL37A | 0 | 0 | 0 | 11.36 | 1 | 1 | 11.36 | 1 | 1 | 0 | 0 | 0 |
| 6321757 | ECM29 | 4.66 | 7 | 10 | 1.93 | 3 | 5 | 1.28 | 2 | 2 | 0 | 0 | 0 |
| 398365069 | ADH5 | 2.28 | 1 | 69 | 2.28 | 1 | 6 | 2.28 | 1 | 2 | 0 | 0 | 0 |
| 398365695 | CPR8 | 0 | 0 | 0 | 0 | 0 | 0 | 4.22 | 1 | 4 | 0 | 0 | 0 |
| 6319854 | RVS161 | 16.60 | 4 | 21 | 11.70 | 2 | 4 | 13.21 | 3 | 6 | 0 | 0 | 0 |
| 6324620 | DBP5 | 14.52 | 7 | 26 | 2.70 | 1 | 2 | 7.47 | 3 | 7 | 0 | 0 | 0 |
| 6321399 | YGL039W | 9.20 | 2 | 2 | 0 | 0 | 0 | 13.51 | 3 | 12 | 0 | 0 | 0 |
| 398365061 | SUP45 | 11.90 | 5 | 11 | 5.49 | 2 | 5 | 9.61 | 3 | 14 | 0 | 0 | 0 |
| 6324673 | KTR1 | 4.58 | 2 | 2 | 0 | 0 | 0 | 11.45 | 4 | 34 | 0 | 0 | 0 |
| 6323387 | ILV5 | 23.04 | 8 | 32 | 10.13 | 3 | 9 | 21.77 | 6 | 42 | 0 | 0 | 0 |
| 6323795 | TIF34 | 17.58 | 5 | 10 | 4.32 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322667 | PRS1 | 9.84 | 3 | 9 | 2.58 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320910 | RGI1 | 8.07 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365575 | HOM6 | 8.91 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323916 | TIF11 | 26.14 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321612 | RBG2 | 17.93 | 5 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323225 | PWP1 | 13.54 | 6 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324737 | SSP1 | 21.81 | 4 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323450 | CDC73 | 25.95 | 8 | 78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365461 | SRP40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320708 | RPL37B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364957 | MKT1 | 2.53 | 1 | 1 | 0 | 0 | 0 | 1.81 | 1 | 1 | 0 | 0 | 0 |
| 6320079 | YDL124W | 11.54 | 3 | 6 | 8.33 | 2 | 2 | 4.49 | 1 | 2 | 0 | 0 | 0 |
| 398364371 | RSC8 | 13.29 | 6 | 7 | 0 | 0 | 0 | 5.57 | 2 | 2 | 0 | 0 | 0 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|----------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6325418 | GPH1 | 1.11 | 1 | 1 | 2.66 | 2 | 2 | 1.44 | 1 | 3 | 0 | 0 | 0 |
| 6321859 | DYS1 | 2.33 | 1 | 3 | 7.49 | 2 | 2 | 7.49 | 2 | 3 | 0 | 0 | 0 |
| 6323967 | GAS1 | 7.51 | 3 | 3 | 2.50 | 1 | 1 | 2.50 | 1 | 7 | 0 | 0 | 0 |
| 6319695 | PYC2 | 6.27 | 7 | 13 | 0.85 | 1 | 1 | 3.56 | 3 | 8 | 0 | 0 | 0 |
| 6323642 | YPT7 | 0 | 0 | 0 | 12.02 | 2 | 5 | 18.27 | 2 | 9 | 0 | 0 | 0 |
| 6320552 | HXT3 | 2.12 | 1 | 1 | 2.12 | 1 | 2 | 12.35 | 4 | 11 | 0 | 0 | 0 |
| 6325196 | ALD6 | 25.60 | 10 | 75 | 6.60 | 2 | 3 | 9.80 | 3 | 12 | 0 | 0 | 0 |
| 6319315 | EFB1 | 42.72 | 6 | 153 | 8.25 | 1 | 1 | 8.25 | 1 | 14 | 0 | 0 | 0 |
| 10383811 | CDC39 | 0.90 | 2 | 2 | 0.76 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321753 | SBP1 | 6.80 | 2 | 2 | 5.78 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320764 | DLD3 | 9.68 | 4 | 12 | 3.23 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366413 | ERV29 | 0 | 0 | 0 | 7.74 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320969 | GLO3 | 2.23 | 1 | 1 | 1.42 | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319602 | TPS1 | 2.02 | 1 | 1 | 8.48 | 3 | 28 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6579193 | NMD2 | 0.83 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321990 | UTP9 | 1.22 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366561 | SXM1 | 2.22 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320157 | NPC2 | 6.94 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364687 | NOP9 | 8.71 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22532997 | BUD27 | 2.51 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366449 | BFR2 | 9.18 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365717 | TRM1 | 10.88 | 5 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323362 | CHS5 | 11.03 | 5 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364573 | PAN1 | 15.34 | 16 | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320720 | GRX2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321595 | PTI1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364853 | OCA1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323852 | YMR196 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33438816 | YILOO2W- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366575 | RRP17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323359 | TMA10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365853 | WTM1 | 13.96 | 5 | 20 | 1.83 | 1 | 1 | 3.20 | 1 | 1 | 0 | 0 | 0 |
| 6320181 | GPD1 | 7.67 | 3 | 13 | 8.44 | 3 | 11 | 3.58 | 1 | 1 | 0 | 0 | 0 |
| 6323518 | NAB6 | 1.23 | 1 | 1 | 0 | 0 | 0 | 1.06 | 1 | 1 | 0 | 0 | 0 |
| 6321221 | KIP3 | 1.12 | 1 | 1 | 0 | 0 | 0 | 1.86 | 1 | 1 | 0 | 0 | 0 |
| 398365131 | RFC2 | 9.63 | 3 | 4 | 0 | 0 | 0 | 2.27 | 1 | 1 | 0 | 0 | 0 |
| 6322294 | ERG20 | 9.09 | 3 | 12 | 0 | 0 | 0 | 3.98 | 1 | 1 | 0 | 0 | 0 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6324550 | IFM1 | 1.78 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324950 | ALD4 | 1.73 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324635 | CKA2 | 2.65 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319849 | YCP4 | 4.86 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325202 | LGE1 | 2.71 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366027 | SUR4 | 4.93 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321641 | PCT1 | 6.60 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325280 | EAF3 | 6.48 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320803 | MCM3 | 2.88 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323872 | SKY1 | 4.58 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325140 | IDI1 | 4.51 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320049 | SAS10 | 10.82 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324989 | DIM1 | 11.01 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366039 | PBP1 | 9.97 | 5 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323088 | REX2 | 9.67 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324899 | PRO2 | 11.18 | 4 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365467 | YNL010W | 7.47 | 2 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41629671 | SEA4 | 13.58 | 11 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320704 | PUF6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323650 | PLB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323158 | DIP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322727 | SRP21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318504 | MDJ1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322878 | GCN3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443380 | PSK1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364789 | UFD4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319903 | PWP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324613 | CKB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324568 | TOP1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365393 | MDM32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322731 | VPH2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323653 | HXT2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320236 | MRH1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364559 | NSP1 | 0 | 0 | 0 | 1.22 | 1 | 1 | 0.97 | 1 | 1 | 0 | 0 | 0 |
| 6321498 | ADE6 | 8.39 | 9 | 14 | 1.25 | 1 | 2 | 1.18 | 1 | 1 | 0 | 0 | 0 |
| 6319326 | ADE1 | 7.19 | 2 | 2 | 0 | 0 | 0 | 3.92 | 1 | 1 | 0 | 0 | 0 |
| 6321812 | MYO1 | 1.30 | 2 | 2 | 0 | 0 | 0 | 0.57 | 1 | 1 | 0 | 0 | 0 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6324734 | MTR10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320284 | PET100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323411 | SEC61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320883 | ERG28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324593 | YOR019W | 1.78 | 1 | 5 | 1.78 | 1 | 1 | 1.23 | 1 | 1 | 0 | 0 | 0 |
| 6320432 | ADK1 | 24.32 | 5 | 89 | 4.50 | 1 | 1 | 4.50 | 1 | 1 | 0 | 0 | 0 |
| 6322919 | CCP1 | 0 | 0 | 0 | 2.77 | 1 | 1 | 4.71 | 1 | 1 | 0 | 0 | 0 |
| 6320204 | NTH1 | 0 | 0 | 0 | 1.73 | 1 | 2 | 1.73 | 1 | 1 | 0 | 0 | 0 |
| 6320279 | TPS2 | 1.67 | 1 | 2 | 6.14 | 4 | 9 | 1.67 | 1 | 1 | 0 | 0 | 0 |
| 6323681 | CCS1 | 6.02 | 1 | 1 | 0 | 0 | 0 | 4.02 | 1 | 1 | 0 | 0 | 0 |
| 398366097 | ADH6 | 8.06 | 2 | 4 | 0 | 0 | 0 | 5.00 | 1 | 1 | 0 | 0 | 0 |
| 6324381 | NOG2 | 9.67 | 4 | 7 | 0 | 0 | 0 | 2.88 | 1 | 1 | 0 | 0 | 0 |
| 6323974 | PRE5 | 22.65 | 5 | 7 | 0 | 0 | 0 | 5.98 | 1 | 1 | 0 | 0 | 0 |
| 6320090 | ATG20 | 30.00 | 15 | 41 | 0 | 0 | 0 | 2.19 | 1 | 1 | 0 | 0 | 0 |
| 37362683 | SCJ1 | 0 | 0 | 0 | 0 | 0 | 0 | 4.24 | 1 | 1 | 0 | 0 | 0 |
| 6323676 | ARP9 | 0 | 0 | 0 | 0 | 0 | 0 | 2.78 | 1 | 1 | 0 | 0 | 0 |
| 398364547 | SER3 | 2.35 | 1 | 1 | 0 | 0 | 0 | 7.04 | 2 | 2 | 0 | 0 | 0 |
| 6319439 | HEK2 | 6.04 | 2 | 2 | 0 | 0 | 0 | 6.30 | 2 | 2 | 0 | 0 | 0 |
| 6321964 | NMD3 | 6.56 | 3 | 7 | 2.70 | 1 | 1 | 2.70 | 1 | 3 | 0 | 0 | 0 |
| 6321984 | ERG9 | 0 | 0 | 0 | 4.73 | 2 | 3 | 2.70 | 1 | 3 | 0 | 0 | 0 |
| 6323768 | ADE17 | 15.88 | 7 | 33 | 0 | 0 | 0 | 2.53 | 1 | 3 | 0 | 0 | 0 |
| 398365401 | CPA2 | 1.79 | 2 | 3 | 0 | 0 | 0 | 1.43 | 1 | 4 | 0 | 0 | 0 |
| 42742253 | ATG27 | 11.44 | 3 | 7 | 0 | 0 | 0 | 11.07 | 2 | 5 | 0 | 0 | 0 |
| 6324191 | SRV2 | 16.16 | 6 | 17 | 0 | 0 | 0 | 6.08 | 2 | 7 | 0 | 0 | 0 |
| 6322476 | ILV3 | 10.26 | 6 | 53 | 1.54 | 1 | 5 | 2.39 | 1 | 9 | 0 | 0 | 0 |
| 6321900 | GGA2 | 4.79 | 2 | 4 | 0 | 0 | 0 | 7.52 | 3 | 11 | 0 | 0 | 0 |
| 330443535 | STE2 | 6.03 | 2 | 14 | 3.25 | 1 | 1 | 18.56 | 6 | 16 | 0 | 0 | 0 |
| 6324343 | ACC1 | 9.54 | 19 | 54 | 4.75 | 8 | 23 | 4.12 | 6 | 18 | 0 | 0 | 0 |
| 6319434 | APL3 | 4.00 | 3 | 3 | 1.07 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364593 | MET6 | 14.86 | 10 | 14 | 1.17 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323751 | YPK2 | 0 | 0 | 0 | 1.92 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443495 | AIM6 | 0 | 0 | 0 | 3.59 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323752 | PGM2 | 0 | 0 | 0 | 2.28 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82795256 | SEC28 | 3.38 | 1 | 1 | 5.41 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322215 | YIR024C | 0 | 0 | 0 | 4.63 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323291 | YPT6 | 5.12 | 1 | 1 | 5.12 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321632 | PDX1 | 4.63 | 2 | 2 | 12.20 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|-----------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6320843 | PAC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365529 | SIR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318435 | TIP20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323645 | AIM34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443386 | BUD14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319751 | CHK1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319452 | APN2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383783 | YCR015C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33438820 | YJL133C-A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365435 | ERG25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321363 | MPS2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323180 | PCD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364799 | PMD1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322709 | TGL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325305 | TAH18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322698 | YKL151C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322341 | RPE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323336 | STT4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320542 | MSN5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325171 | ELP3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319274 | ERV46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366207 | CRM1 | 2.58 | 3 | 4 | 1.38 | 1 | 1 | 1.66 | 1 | 1 | 0 | 0 | 0 |
| 6321198 | CSE1 | 0.94 | 1 | 1 | 1.25 | 1 | 3 | 1.25 | 1 | 1 | 0 | 0 | 0 |
| 398366491 | SKP1 | 12.89 | 1 | 1 | 0 | 0 | 0 | 8.76 | 1 | 1 | 0 | 0 | 0 |
| 6323819 | MLH1 | 1.69 | 1 | 1 | 0 | 0 | 0 | 1.69 | 1 | 1 | 0 | 0 | 0 |
| 398365033 | IRA1 | 0.36 | 1 | 1 | 0 | 0 | 0 | 0.32 | 1 | 1 | 0 | 0 | 0 |
| 398366427 | SRP101 | 1.93 | 1 | 1 | 0 | 0 | 0 | 2.25 | 1 | 1 | 0 | 0 | 0 |
| 6320008 | NUS1 | 4.00 | 1 | 1 | 0 | 0 | 0 | 1.87 | 1 | 1 | 0 | 0 | 0 |
| 6324098 | PDR16 | 7.69 | 2 | 2 | 0 | 0 | 0 | 3.42 | 1 | 1 | 0 | 0 | 0 |
| 6324093 | SIN4 | 2.36 | 2 | 2 | 0 | 0 | 0 | 1.75 | 1 | 1 | 0 | 0 | 0 |
| 6322063 | MET18 | 2.23 | 2 | 2 | 0 | 0 | 0 | 1.74 | 1 | 1 | 0 | 0 | 0 |
| 6319901 | THR4 | 7.00 | 3 | 4 | 0 | 0 | 0 | 3.70 | 1 | 1 | 0 | 0 | 0 |
| 6321899 | CDC12 | 11.79 | 4 | 4 | 0 | 0 | 0 | 3.19 | 1 | 1 | 0 | 0 | 0 |
| 398364305 | YND1 | 1.27 | 1 | 9 | 0 | 0 | 0 | 2.22 | 1 | 1 | 0 | 0 | 0 |
| 6325365 | RPN7 | 19.11 | 9 | 39 | 0 | 0 | 0 | 2.10 | 1 | 1 | 0 | 0 | 0 |
| 6322288 | RFA3 | 53.28 | 4 | 74 | 0 | 0 | 0 | 12.30 | 1 | 1 | 0 | 0 | 0 |
| 6323832 | YMR178 | 0 | 0 | 0 | 0 | 0 | 0 | 6.20 | 1 | 1 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6321327 | NSA1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.02 | 1 | 1 | 0 | 0 | 0 |
| 398366645 | PKH1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.09 | 1 | 1 | 0 | 0 | 0 |
| 6323507 | MSC1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.75 | 1 | 1 | 0 | 0 | 0 |
| 398366107 | YPP1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.22 | 1 | 1 | 0 | 0 | 0 |
| 6323586 | SPC2 | 0 | 0 | 0 | 0 | 0 | 0 | 6.74 | 1 | 1 | 0 | 0 | 0 |
| 6324079 | RAD50 | 0 | 0 | 0 | 0 | 0 | 0 | 0.91 | 1 | 1 | 0 | 0 | 0 |
| 6320865 | GAL83 | 0 | 0 | 0 | 0 | 0 | 0 | 2.64 | 1 | 1 | 0 | 0 | 0 |
| 14318465 | YFL054C | 0 | 0 | 0 | 0 | 0 | 0 | 2.17 | 1 | 1 | 0 | 0 | 0 |
| 6325349 | NVJ2 | 0 | 0 | 0 | 0 | 0 | 0 | 2.21 | 1 | 1 | 0 | 0 | 0 |
| 6323962 | UBP15 | 0.98 | 1 | 1 | 0.98 | 1 | 1 | 0.98 | 1 | 2 | 0 | 0 | 0 |
| 6323891 | RNA1 | 6.88 | 2 | 3 | 3.19 | 1 | 1 | 7.86 | 2 | 2 | 0 | 0 | 0 |
| 6323273 | MAP1 | 9.30 | 3 | 4 | 3.10 | 1 | 1 | 3.10 | 1 | 2 | 0 | 0 | 0 |
| 6320935 | TRP2 | 12.43 | 5 | 6 | 1.97 | 1 | 1 | 6.71 | 2 | 2 | 0 | 0 | 0 |
| 6324994 | YPL260W | 2.54 | 1 | 1 | 1.81 | 1 | 2 | 4.72 | 2 | 2 | 0 | 0 | 0 |
| 27469358 | PMT2 | 0 | 0 | 0 | 3.03 | 2 | 11 | 1.58 | 1 | 2 | 0 | 0 | 0 |
| 398365969 | CDC31 | 8.70 | 1 | 1 | 0 | 0 | 0 | 8.70 | 1 | 2 | 0 | 0 | 0 |
| 6320214 | SNQ2 | 1.87 | 2 | 4 | 0 | 0 | 0 | 0.80 | 1 | 2 | 0 | 0 | 0 |
| 6322263 | PHO90 | 2.04 | 2 | 2 | 1.70 | 1 | 1 | 2.95 | 2 | 3 | 0 | 0 | 0 |
| 42742305 | YNL208W | 0 | 0 | 0 | 17.09 | 2 | 2 | 9.05 | 1 | 3 | 0 | 0 | 0 |
| 6321432 | PMC1 | 0 | 0 | 0 | 2.13 | 2 | 4 | 2.81 | 2 | 3 | 0 | 0 | 0 |
| 6323221 | HCR1 | 8.30 | 2 | 4 | 4.15 | 1 | 5 | 4.15 | 1 | 3 | 0 | 0 | 0 |
| 6322722 | PGM1 | 2.46 | 1 | 1 | 0 | 0 | 0 | 2.28 | 1 | 3 | 0 | 0 | 0 |
| 6323089 | FRS1 | 4.71 | 2 | 2 | 0 | 0 | 0 | 4.20 | 2 | 3 | 0 | 0 | 0 |
| 6321271 | PMR1 | 3.47 | 3 | 3 | 0 | 0 | 0 | 3.37 | 2 | 3 | 0 | 0 | 0 |
| 6322097 | LYS12 | 20.49 | 6 | 35 | 0 | 0 | 0 | 7.01 | 2 | 3 | 0 | 0 | 0 |
| 6320151 | SLC1 | 0 | 0 | 0 | 0 | 0 | 0 | 5.94 | 1 | 3 | 0 | 0 | 0 |
| 6319312 | ERP2 | 0 | 0 | 0 | 0 | 0 | 0 | 12.09 | 1 | 3 | 0 | 0 | 0 |
| 398365779 | YCF1 | 1.98 | 2 | 2 | 0 | 0 | 0 | 2.05 | 2 | 4 | 0 | 0 | 0 |
| 6324082 | YNL247W | 3.91 | 3 | 3 | 0 | 0 | 0 | 3.39 | 2 | 4 | 0 | 0 | 0 |
| 6324625 | ETT1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.91 | 1 | 4 | 0 | 0 | 0 |
| 6321492 | MUP1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.74 | 1 | 4 | 0 | 0 | 0 |
| 6322434 | RNR2 | 9.52 | 4 | 13 | 2.76 | 1 | 7 | 7.02 | 2 | 5 | 0 | 0 | 0 |
| 6320245 | ENA1 | 1.01 | 1 | 2 | 0 | 0 | 0 | 2.66 | 2 | 5 | 0 | 0 | 0 |
| 6323853 | VTI1 | 24.42 | 4 | 7 | 0 | 0 | 0 | 14.75 | 2 | 5 | 0 | 0 | 0 |
| 6319837 | ILV6 | 5.18 | 1 | 6 | 5.18 | 1 | 1 | 9.06 | 2 | 6 | 0 | 0 | 0 |
| 6319441 | PET9 | 3.46 | 1 | 1 | 16.04 | 5 | 14 | 3.14 | 1 | 6 | 0 | 0 | 0 |
| 398365855 | KGD2 | 2.81 | 1 | 1 | 6.26 | 2 | 5 | 10.58 | 3 | 7 | 0 | 0 | 0 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6324988 | ACM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443417 | RRN6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325398 | TAZ1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321828 | MSC7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323320 | GUF1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16740526 | GYP8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324783 | NPT1 | 2.56 | 1 | 1 | 2.56 | 1 | 1 | 3.96 | 1 | 1 | 0 | 0 | 0 |
| 6319974 | HOP | 5.97 | 2 | 2 | 2.73 | 1 | 1 | 2.73 | 1 | 1 | 0 | 0 | 0 |
| 6319931 | ABP1 | 15.20 | 6 | 18 | 2.03 | 1 | 1 | 2.20 | 1 | 1 | 0 | 0 | 0 |
| 6321787 | OSH7 | 0 | 0 | 0 | 1.83 | 1 | 1 | 1.83 | 1 | 1 | 0 | 0 | 0 |
| 6319512 | CHS2 | 0 | 0 | 0 | 0.83 | 1 | 1 | 1.66 | 1 | 1 | 0 | 0 | 0 |
| 6324912 | KRE5 | 0 | 0 | 0 | 0.88 | 1 | 1 | 0.73 | 1 | 1 | 0 | 0 | 0 |
| 398365337 | SFL1 | 0 | 0 | 0 | 6.14 | 1 | 1 | 2.74 | 1 | 1 | 0 | 0 | 0 |
| 398364433 | CAJ1 | 7.16 | 2 | 10 | 3.58 | 1 | 2 | 3.58 | 1 | 1 | 0 | 0 | 0 |
| 6322547 | EMC2 | 0 | 0 | 0 | 3.77 | 1 | 2 | 6.16 | 1 | 1 | 0 | 0 | 0 |
| 6324225 | LEU4 | 3.55 | 1 | 1 | 3.88 | 2 | 4 | 2.42 | 1 | 1 | 0 | 0 | 0 |
| 6322537 | MIR1 | 0 | 0 | 0 | 3.86 | 1 | 4 | 3.86 | 1 | 1 | 0 | 0 | 0 |
| 6321795 | ERG11 | 0 | 0 | 0 | 9.81 | 3 | 15 | 3.40 | 1 | 1 | 0 | 0 | 0 |
| 6323953 | YMR295C | 0 | 0 | 0 | 15.74 | 1 | 28 | 12.18 | 1 | 1 | 0 | 0 | 0 |
| 398366013 | YDR186C | 1.94 | 1 | 1 | 0 | 0 | 0 | 2.17 | 1 | 1 | 0 | 0 | 0 |
| 6323943 | DSS1 | 1.14 | 1 | 1 | 0 | 0 | 0 | 1.14 | 1 | 1 | 0 | 0 | 0 |
| 6320851 | HEM14 | 1.48 | 1 | 1 | 0 | 0 | 0 | 2.78 | 1 | 1 | 0 | 0 | 0 |
| 6322116 | SER33 | 2.35 | 1 | 1 | 0 | 0 | 0 | 2.99 | 1 | 1 | 0 | 0 | 0 |
| 83578105 | TMA46 | 2.90 | 1 | 1 | 0 | 0 | 0 | 3.19 | 1 | 1 | 0 | 0 | 0 |
| 6321960 | CDC23 | 2.08 | 1 | 1 | 0 | 0 | 0 | 1.76 | 1 | 1 | 0 | 0 | 0 |
| 6320470 | AKR1 | 1.70 | 1 | 1 | 0 | 0 | 0 | 3.40 | 1 | 1 | 0 | 0 | 0 |
| 398365797 | YNR048W | 3.05 | 1 | 1 | 0 | 0 | 0 | 3.05 | 1 | 1 | 0 | 0 | 0 |
| 6322387 | SMC3 | 0.81 | 1 | 1 | 0 | 0 | 0 | 1.22 | 1 | 1 | 0 | 0 | 0 |
| 6321806 | ARG4 | 1.94 | 1 | 1 | 0 | 0 | 0 | 2.59 | 1 | 1 | 0 | 0 | 0 |
| 6324055 | GOR1 | 2.57 | 1 | 1 | 0 | 0 | 0 | 3.43 | 1 | 1 | 0 | 0 | 0 |
| 6324554 | YOL019W | 2.18 | 1 | 1 | 0 | 0 | 0 | 2.72 | 1 | 1 | 0 | 0 | 0 |
| 6324897 | PMT3 | 1.59 | 1 | 1 | 0 | 0 | 0 | 1.73 | 1 | 1 | 0 | 0 | 0 |
| 6323553 | ALO1 | 1.90 | 1 | 1 | 0 | 0 | 0 | 2.66 | 1 | 1 | 0 | 0 | 0 |
| 6323958 | ADE4 | 4.12 | 2 | 2 | 0 | 0 | 0 | 2.35 | 1 | 1 | 0 | 0 | 0 |
| 6322585 | ENT3 | 2.70 | 1 | 2 | 0 | 0 | 0 | 3.92 | 1 | 1 | 0 | 0 | 0 |
| 6322732 | SBA1 | 4.17 | 1 | 2 | 0 | 0 | 0 | 4.17 | 1 | 1 | 0 | 0 | 0 |
| 6319767 | BSD2 | 11.53 | 1 | 2 | 0 | 0 | 0 | 4.05 | 1 | 1 | 0 | 0 | 0 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 398365317 | GPT2 | 2.02 | 1 | 2 | 0 | 0 | 0 | 2.02 | 1 | 1 | 0 | 0 | 0 |
| 82795241 | APE3 | 6.33 | 2 | 2 | 0 | 0 | 0 | 4.10 | 1 | 1 | 0 | 0 | 0 |
| 398365865 | GIR2 | 5.28 | 1 | 2 | 0 | 0 | 0 | 4.15 | 1 | 1 | 0 | 0 | 0 |
| 6322509 | UTR1 | 2.45 | 1 | 2 | 0 | 0 | 0 | 2.45 | 1 | 1 | 0 | 0 | 0 |
| 6322500 | GEF1 | 3.21 | 2 | 2 | 0 | 0 | 0 | 2.31 | 1 | 1 | 0 | 0 | 0 |
| 6320893 | HOM3 | 2.66 | 1 | 2 | 0 | 0 | 0 | 2.09 | 1 | 1 | 0 | 0 | 0 |
| 82795247 | LSM6 | 34.88 | 3 | 3 | 0 | 0 | 0 | 20.93 | 1 | 1 | 0 | 0 | 0 |
| 6320249 | HEM13 | 9.45 | 3 | 3 | 0 | 0 | 0 | 6.10 | 1 | 1 | 0 | 0 | 0 |
| 6322287 | KRE9 | 3.99 | 1 | 3 | 0 | 0 | 0 | 9.78 | 1 | 1 | 0 | 0 | 0 |
| 6324580 | SGT2 | 13.58 | 4 | 5 | 0 | 0 | 0 | 4.05 | 1 | 1 | 0 | 0 | 0 |
| 6322870 | YKRO18C | 6.34 | 4 | 7 | 0 | 0 | 0 | 2.07 | 1 | 1 | 0 | 0 | 0 |
| 14318569 | DUG1 | 8.94 | 3 | 14 | 0 | 0 | 0 | 3.33 | 1 | 1 | 0 | 0 | 0 |
| 6319509 | PDX3 | 17.98 | 3 | 31 | 0 | 0 | 0 | 5.26 | 1 | 1 | 0 | 0 | 0 |
| 6324697 | LEO1 | 19.83 | 7 | 50 | 0 | 0 | 0 | 1.94 | 1 | 1 | 0 | 0 | 0 |
| 6319764 | YBR287W | 0 | 0 | 0 | 0 | 0 | 0 | 6.09 | 1 | 1 | 0 | 0 | 0 |
| 6324484 | MPD2 | 0 | 0 | 0 | 0 | 0 | 0 | 5.42 | 1 | 1 | 0 | 0 | 0 |
| 6323510 | PGA3 | 0 | 0 | 0 | 0 | 0 | 0 | 4.49 | 1 | 1 | 0 | 0 | 0 |
| 6321646 | CIR1 | 0 | 0 | 0 | 0 | 0 | 0 | 6.13 | 1 | 1 | 0 | 0 | 0 |
| 6324059 | ALP1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.44 | 1 | 1 | 0 | 0 | 0 |
| 6320516 | SUM1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.51 | 1 | 1 | 0 | 0 | 0 |
| 37362655 | COG2 | 0 | 0 | 0 | 0 | 0 | 0 | 2.67 | 1 | 1 | 0 | 0 | 0 |
| 398366091 | ART10 | 0 | 0 | 0 | 0 | 0 | 0 | 2.32 | 1 | 1 | 0 | 0 | 0 |
| 6320327 | KIN1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.60 | 1 | 1 | 0 | 0 | 0 |
| 6324609 | SHE4 | 0 | 0 | 0 | 0 | 0 | 0 | 1.39 | 1 | 1 | 0 | 0 | 0 |
| 6324132 | WHI3 | 0 | 0 | 0 | 0 | 0 | 0 | 2.42 | 1 | 1 | 0 | 0 | 0 |
| 6322550 | JSN1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.65 | 1 | 1 | 0 | 0 | 0 |
| 6320107 | PMT1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.59 | 1 | 1 | 0 | 0 | 0 |
| 6319413 | SHP1 | 0 | 0 | 0 | 0 | 0 | 0 | 4.02 | 1 | 1 | 0 | 0 | 0 |
| 6321756 | GOS1 | 0 | 0 | 0 | 0 | 0 | 0 | 11.66 | 1 | 1 | 0 | 0 | 0 |
| 6321337 | YGL101W | 0 | 0 | 0 | 0 | 0 | 0 | 5.12 | 1 | 1 | 0 | 0 | 0 |
| 6325199 | PDR12 | 0 | 0 | 0 | 0 | 0 | 0 | 0.99 | 1 | 1 | 0 | 0 | 0 |
| 6322782 | NUP100 | 0 | 0 | 0 | 0 | 0 | 0 | 1.25 | 1 | 1 | 0 | 0 | 0 |
| 6324859 | RDL1 | 0 | 0 | 0 | 0 | 0 | 0 | 10.79 | 1 | 1 | 0 | 0 | 0 |
| 6323899 | ZRC1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.85 | 1 | 1 | 0 | 0 | 0 |
| 6319392 | NUP170 | 0 | 0 | 0 | 0 | 0 | 0 | 1.33 | 1 | 1 | 0 | 0 | 0 |
| 398365585 | PCS60 | 0 | 0 | 0 | 0 | 0 | 0 | 3.31 | 1 | 1 | 0 | 0 | 0 |
| 6322186 | EPS1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.57 | 1 | 1 | 0 | 0 | 0 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 398366407 | YOR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0.95 | 1 | 1 | 0 | 0 | 0 |
| 37362695 | OST2 | 0 | 0 | 0 | 0 | 0 | 0 | 13.08 | 1 | 1 | 0 | 0 | 0 |
| 6324353 | SEC12 | 0 | 0 | 0 | 0 | 0 | 0 | 2.12 | 1 | 1 | 0 | 0 | 0 |
| 330443368 | FLC2 | 0 | 0 | 0 | 0 | 0 | 0 | 2.17 | 1 | 1 | 0 | 0 | 0 |
| 398365223 | MSP1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.87 | 1 | 1 | 0 | 0 | 0 |
| 6321449 | YGR012W | 0 | 0 | 0 | 0 | 0 | 0 | 3.56 | 1 | 1 | 0 | 0 | 0 |
| 6322310 | SNA3 | 0 | 0 | 0 | 0 | 0 | 0 | 24.81 | 1 | 1 | 0 | 0 | 0 |
| 6323413 | CTF3 | 0 | 0 | 0 | 0 | 0 | 0 | 1.23 | 1 | 1 | 0 | 0 | 0 |
| 6321225 | SKI8 | 0 | 0 | 0 | 0 | 0 | 0 | 2.02 | 1 | 1 | 0 | 0 | 0 |
| 6325101 | PRM4 | 0 | 0 | 0 | 0 | 0 | 0 | 5.28 | 1 | 1 | 0 | 0 | 0 |
| 6321345 | SPC105 | 0 | 0 | 0 | 0 | 0 | 0 | 1.64 | 1 | 1 | 0 | 0 | 0 |
| 398366519 | EAF1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.43 | 1 | 1 | 0 | 0 | 0 |
| 398365305 | PAM17 | 0 | 0 | 0 | 0 | 0 | 0 | 9.64 | 1 | 1 | 0 | 0 | 0 |
| 6319334 | PRM9 | 0 | 0 | 0 | 0 | 0 | 0 | 4.70 | 1 | 1 | 0 | 0 | 0 |
| 83722565 | PTM1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.91 | 1 | 1 | 0 | 0 | 0 |
| 6322825 | TCD2 | 0 | 0 | 0 | 0 | 0 | 0 | 3.58 | 1 | 1 | 0 | 0 | 0 |
| 6323936 | CAT8 | 0 | 0 | 0 | 0 | 0 | 0 | 1.05 | 1 | 1 | 0 | 0 | 0 |
| 6324567 | CSI2 | 0 | 0 | 0 | 0 | 0 | 0 | 5.28 | 1 | 1 | 0 | 0 | 0 |
| 6319516 | CST26 | 0 | 0 | 0 | 0 | 0 | 0 | 4.28 | 1 | 1 | 0 | 0 | 0 |
| 6321275 | RAD54 | 0 | 0 | 0 | 0 | 0 | 0 | 1.56 | 1 | 1 | 0 | 0 | 0 |
| 398366375 | DON1 | 0 | 0 | 0 | 0 | 0 | 0 | 4.11 | 1 | 1 | 0 | 0 | 0 |
| 398365229 | EAF6 | 0 | 0 | 0 | 0 | 0 | 0 | 10.62 | 1 | 1 | 0 | 0 | 0 |
| 398365911 | ESA1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.47 | 1 | 1 | 0 | 0 | 0 |
| 6323375 | GAS2 | 0 | 0 | 0 | 0 | 0 | 0 | 1.44 | 1 | 1 | 0 | 0 | 0 |
| 398366357 | GDS1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.87 | 1 | 1 | 0 | 0 | 0 |
| 330443484 | YCL002C | 0 | 0 | 0 | 0 | 0 | 0 | 6.08 | 1 | 1 | 0 | 0 | 0 |
| 6321588 | YGR149W | 0 | 0 | 0 | 0 | 0 | 0 | 3.01 | 1 | 1 | 0 | 0 | 0 |
| 37362691 | ITR2 | 0 | 0 | 0 | 0 | 0 | 0 | 2.13 | 1 | 1 | 0 | 0 | 0 |
| 398364419 | MRF1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.15 | 1 | 1 | 0 | 0 | 0 |
| 6324909 | MRS2 | 0 | 0 | 0 | 0 | 0 | 0 | 3.40 | 1 | 1 | 0 | 0 | 0 |
| 398364395 | PEX14 | 0 | 0 | 0 | 0 | 0 | 0 | 4.69 | 1 | 1 | 0 | 0 | 0 |
| 14318528 | YFR006W | 0 | 0 | 0 | 0 | 0 | 0 | 3.36 | 1 | 1 | 0 | 0 | 0 |
| 6321021 | RAD24 | 0 | 0 | 0 | 0 | 0 | 0 | 2.58 | 1 | 1 | 0 | 0 | 0 |
| 6319451 | RFT1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.09 | 1 | 1 | 0 | 0 | 0 |
| 398365357 | RRG1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.74 | 1 | 1 | 0 | 0 | 0 |
| 14318556 | RRT5 | 0 | 0 | 0 | 0 | 0 | 0 | 3.81 | 1 | 1 | 0 | 0 | 0 |
| 6321943 | SKG6 | 0 | 0 | 0 | 0 | 0 | 0 | 1.77 | 1 | 1 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 398365903 | SSP2 | 0 | 0 | 0 | 0 | 0 | 0 | 2.70 | 1 | 1 | 0 | 0 | 0 |
| 398366103 | CST9 | 0 | 0 | 0 | 0 | 0 | 0 | 1.66 | 1 | 1 | 0 | 0 | 0 |
| 398364315 | TOS3 | 0 | 0 | 0 | 0 | 0 | 0 | 2.50 | 1 | 1 | 0 | 0 | 0 |
| 6321577 | TPO2 | 0 | 0 | 0 | 0 | 0 | 0 | 3.75 | 1 | 1 | 0 | 0 | 0 |
| 6320230 | VPS54 | 0 | 0 | 0 | 0 | 0 | 0 | 1.80 | 1 | 1 | 0 | 0 | 0 |
| 6321759 | WSC4 | 0 | 0 | 0 | 0 | 0 | 0 | 2.81 | 1 | 1 | 0 | 0 | 0 |
| 6322315 | IDS2 | 0 | 0 | 0 | 0 | 0 | 0 | 2.13 | 1 | 1 | 0 | 0 | 0 |
| 6319635 | IFA38 | 0 | 0 | 0 | 0 | 0 | 0 | 3.17 | 1 | 1 | 0 | 0 | 0 |
| 6323014 | BPT1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.15 | 1 | 1 | 0 | 0 | 0 |
| 6323657 | ERG5 | 0 | 0 | 0 | 0 | 0 | 0 | 2.79 | 1 | 1 | 0 | 0 | 0 |
| 6323920 | CUE1 | 7.39 | 1 | 1 | 7.39 | 1 | 1 | 7.39 | 1 | 2 | 0 | 0 | 0 |
| 86558908 | CBR1 | 2.82 | 1 | 1 | 3.87 | 1 | 1 | 3.87 | 1 | 2 | 0 | 0 | 0 |
| 6323859 | TOM40 | 0 | 0 | 0 | 4.13 | 1 | 1 | 4.13 | 1 | 2 | 0 | 0 | 0 |
| 398364295 | WBP1 | 0 | 0 | 0 | 2.56 | 1 | 1 | 6.74 | 2 | 2 | 0 | 0 | 0 |
| 6322066 | KGD1 | 0.99 | 1 | 1 | 2.37 | 2 | 2 | 2.47 | 2 | 2 | 0 | 0 | 0 |
| 6323593 | GSF2 | 0 | 0 | 0 | 6.95 | 2 | 3 | 7.94 | 2 | 2 | 0 | 0 | 0 |
| 6322127 | ARC15 | 32.47 | 3 | 12 | 6.49 | 1 | 4 | 6.49 | 1 | 2 | 0 | 0 | 0 |
| 10383789 | NPP1 | 1.62 | 1 | 1 | 0 | 0 | 0 | 1.75 | 1 | 2 | 0 | 0 | 0 |
| 6319477 | RCR1 | 7.04 | 1 | 1 | 0 | 0 | 0 | 6.10 | 1 | 2 | 0 | 0 | 0 |
| 398366155 | AHA1 | 8.86 | 2 | 2 | 0 | 0 | 0 | 5.14 | 1 | 2 | 0 | 0 | 0 |
| 398365557 | VPS27 | 4.18 | 2 | 3 | 0 | 0 | 0 | 2.25 | 1 | 2 | 0 | 0 | 0 |
| 6320054 | RPN5 | 4.04 | 2 | 3 | 0 | 0 | 0 | 4.27 | 1 | 2 | 0 | 0 | 0 |
| 398365953 | SUP35 | 5.84 | 3 | 3 | 0 | 0 | 0 | 4.96 | 2 | 2 | 0 | 0 | 0 |
| 37362677 | AAT2 | 9.33 | 3 | 4 | 0 | 0 | 0 | 3.11 | 1 | 2 | 0 | 0 | 0 |
| 6324511 | PRS5 | 11.29 | 4 | 4 | 0 | 0 | 0 | 3.63 | 1 | 2 | 0 | 0 | 0 |
| 6324463 | ZEO1 | 24.78 | 3 | 6 | 0 | 0 | 0 | 29.20 | 2 | 2 | 0 | 0 | 0 |
| 6322338 | MTC1 | 4.60 | 2 | 14 | 0 | 0 | 0 | 2.30 | 1 | 2 | 0 | 0 | 0 |
| 6324198 | TOM22 | 0 | 0 | 0 | 0 | 0 | 0 | 11.18 | 1 | 2 | 0 | 0 | 0 |
| 330443603 | YJL171C | 0 | 0 | 0 | 0 | 0 | 0 | 4.29 | 1 | 2 | 0 | 0 | 0 |
| 6322173 | SNL1 | 0 | 0 | 0 | 0 | 0 | 0 | 10.69 | 1 | 2 | 0 | 0 | 0 |
| 6323876 | ERG8 | 0 | 0 | 0 | 0 | 0 | 0 | 6.87 | 2 | 2 | 0 | 0 | 0 |
| 6321817 | DAP2 | 0 | 0 | 0 | 0 | 0 | 0 | 1.83 | 1 | 2 | 0 | 0 | 0 |
| 6324071 | DSL1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.99 | 1 | 2 | 0 | 0 | 0 |
| 6325204 | KTR6 | 0 | 0 | 0 | 0 | 0 | 0 | 6.73 | 2 | 2 | 0 | 0 | 0 |
| 398365745 | MTC4 | 0 | 0 | 0 | 0 | 0 | 0 | 3.60 | 1 | 2 | 0 | 0 | 0 |
| 398366001 | PNT1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.07 | 1 | 2 | 0 | 0 | 0 |
| 6320424 | SPR28 | 0 | 0 | 0 | 0 | 0 | 0 | 2.60 | 1 | 2 | 0 | 0 | 0 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6321400 | OCH1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.75 | 1 | 2 | 0 | 0 | 0 |
| 6321416 | STT3 | 0 | 0 | 0 | 0 | 0 | 0 | 1.95 | 1 | 2 | 0 | 0 | 0 |
| 6321206 | EMC4 | 0 | 0 | 0 | 0 | 0 | 0 | 11.05 | 1 | 2 | 0 | 0 | 0 |
| 6320071 | LYS21 | 22.50 | 7 | 15 | 2.27 | 1 | 1 | 5.45 | 2 | 3 | 0 | 0 | 0 |
| 330443405 | CDC27 | 0 | 0 | 0 | 1.45 | 1 | 1 | 1.72 | 1 | 3 | 0 | 0 | 0 |
| 14318471 | EMP47 | 0 | 0 | 0 | 2.70 | 1 | 1 | 5.39 | 2 | 3 | 0 | 0 | 0 |
| 6322765 | MDH1 | 9.88 | 2 | 2 | 4.19 | 1 | 2 | 4.19 | 1 | 3 | 0 | 0 | 0 |
| 6322421 | NUP192 | 0 | 0 | 0 | 1.01 | 1 | 2 | 0.77 | 1 | 3 | 0 | 0 | 0 |
| 6323619 | APT1 | 5.35 | 1 | 1 | 0 | 0 | 0 | 5.35 | 1 | 3 | 0 | 0 | 0 |
| 6321355 | SCY1 | 1.37 | 1 | 1 | 0 | 0 | 0 | 4.10 | 3 | 3 | 0 | 0 | 0 |
| 6324610 | PEP12 | 32.64 | 7 | 16 | 0 | 0 | 0 | 4.86 | 1 | 3 | 0 | 0 | 0 |
| 6320019 | LYS20 | 29.44 | 9 | 17 | 0 | 0 | 0 | 5.61 | 2 | 3 | 0 | 0 | 0 |
| 6323056 | ADE16 | 9.98 | 5 | 30 | 0 | 0 | 0 | 2.54 | 1 | 3 | 0 | 0 | 0 |
| 6321748 | EFM1 | 0 | 0 | 0 | 0 | 0 | 0 | 2.56 | 1 | 3 | 0 | 0 | 0 |
| 6324110 | ALG9 | 0 | 0 | 0 | 0 | 0 | 0 | 3.42 | 1 | 3 | 0 | 0 | 0 |
| 6319869 | HSP30 | 0 | 0 | 0 | 0 | 0 | 0 | 6.63 | 1 | 3 | 0 | 0 | 0 |
| 6325200 | SUR1 | 0 | 0 | 0 | 0 | 0 | 0 | 4.19 | 1 | 3 | 0 | 0 | 0 |
| 6320451 | MNN10 | 0 | 0 | 0 | 0 | 0 | 0 | 5.85 | 2 | 3 | 0 | 0 | 0 |
| 6319914 | CPR4 | 0 | 0 | 0 | 0 | 0 | 0 | 4.72 | 1 | 3 | 0 | 0 | 0 |
| 6323998 | AAD14 | 0 | 0 | 0 | 0 | 0 | 0 | 4.52 | 1 | 3 | 0 | 0 | 0 |
| 6323509 | ERG13 | 8.96 | 4 | 31 | 3.26 | 1 | 1 | 6.52 | 2 | 4 | 0 | 0 | 0 |
| 6320560 | TRR1 | 21.32 | 4 | 9 | 4.70 | 1 | 3 | 4.70 | 1 | 4 | 0 | 0 | 0 |
| 398364773 | TOM70 | 1.94 | 1 | 1 | 0 | 0 | 0 | 4.21 | 2 | 4 | 0 | 0 | 0 |
| 6319497 | CHS3 | 0.77 | 1 | 1 | 0 | 0 | 0 | 6.01 | 3 | 4 | 0 | 0 | 0 |
| 398365065 | DID2 | 3.92 | 1 | 2 | 0 | 0 | 0 | 6.86 | 1 | 4 | 0 | 0 | 0 |
| 330443526 | ALD5 | 17.12 | 7 | 8 | 0 | 0 | 0 | 5.19 | 2 | 4 | 0 | 0 | 0 |
| 6319421 | SEC17 | 19.52 | 4 | 11 | 0 | 0 | 0 | 9.59 | 2 | 4 | 0 | 0 | 0 |
| 398366327 | VMA6 | 14.78 | 4 | 24 | 0 | 0 | 0 | 5.51 | 1 | 4 | 0 | 0 | 0 |
| 6325220 | EGD1 | 0 | 0 | 0 | 0 | 0 | 0 | 12.10 | 1 | 4 | 0 | 0 | 0 |
| 6324160 | PSD1 | 0 | 0 | 0 | 0 | 0 | 0 | 7.00 | 2 | 4 | 0 | 0 | 0 |
| 398364599 | BAP2 | 0 | 0 | 0 | 0 | 0 | 0 | 3.45 | 1 | 4 | 0 | 0 | 0 |
| 6325035 | FLC1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.89 | 1 | 4 | 0 | 0 | 0 |
| 6322683 | MCD4 | 0 | 0 | 0 | 0 | 0 | 0 | 1.31 | 1 | 4 | 0 | 0 | 0 |
| 6321502 | VHT1 | 0 | 0 | 0 | 0 | 0 | 0 | 4.38 | 2 | 4 | 0 | 0 | 0 |
| 6321437 | ERG26 | 0 | 0 | 0 | 0 | 0 | 0 | 4.87 | 1 | 4 | 0 | 0 | 0 |
| 6320793 | GDA1 | 11.00 | 4 | 5 | 1.93 | 1 | 1 | 5.79 | 2 | 5 | 0 | 0 | 0 |
| 398365875 | SKN1 | 1.95 | 1 | 8 | 1.82 | 1 | 1 | 1.95 | 1 | 5 | 0 | 0 | 0 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 398364717 | OLE1 | 0 | 0 | 0 | 2.35 | 1 | 1 | 8.63 | 3 | 5 | 0 | 0 | 0 |
| 398364715 | OST1 | 0 | 0 | 0 | 2.94 | 1 | 2 | 6.30 | 2 | 5 | 0 | 0 | 0 |
| 6320639 | CYM1 | 0.81 | 1 | 1 | 0 | 0 | 0 | 1.01 | 1 | 5 | 0 | 0 | 0 |
| 6324109 | ADE12 | 3.70 | 2 | 2 | 0 | 0 | 0 | 4.39 | 2 | 5 | 0 | 0 | 0 |
| 330443698 | CHS1 | 2.12 | 2 | 2 | 0 | 0 | 0 | 2.65 | 2 | 5 | 0 | 0 | 0 |
| 398365123 | AQR1 | 2.56 | 1 | 2 | 0 | 0 | 0 | 4.61 | 3 | 5 | 0 | 0 | 0 |
| 6324745 | LCB4 | 4.81 | 2 | 2 | 0 | 0 | 0 | 5.29 | 2 | 5 | 0 | 0 | 0 |
| 398366587 | RPN9 | 11.20 | 5 | 5 | 0 | 0 | 0 | 3.82 | 1 | 5 | 0 | 0 | 0 |
| 6320837 | MNN1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.54 | 2 | 5 | 0 | 0 | 0 |
| 6324594 | HSP10 | 19.81 | 2 | 4 | 10.38 | 1 | 2 | 10.38 | 1 | 6 | 0 | 0 | 0 |
| 6320859 | RPN3 | 13.00 | 5 | 9 | 5.16 | 2 | 3 | 5.16 | 2 | 6 | 0 | 0 | 0 |
| 398366611 | NHX1 | 3.16 | 1 | 1 | 0 | 0 | 0 | 4.58 | 1 | 6 | 0 | 0 | 0 |
| 6320395 | SLY1 | 2.85 | 2 | 2 | 0 | 0 | 0 | 6.91 | 3 | 6 | 0 | 0 | 0 |
| 41629692 | YIP4 | 8.51 | 2 | 4 | 0 | 0 | 0 | 20.43 | 2 | 6 | 0 | 0 | 0 |
| 330443374 | DRS2 | 3.62 | 4 | 7 | 0 | 0 | 0 | 1.99 | 2 | 6 | 0 | 0 | 0 |
| 6325207 | MNN9 | 0 | 0 | 0 | 0 | 0 | 0 | 2.78 | 1 | 6 | 0 | 0 | 0 |
| 6323858 | ERG20 | 0 | 0 | 0 | 0 | 0 | 0 | 6.31 | 1 | 6 | 0 | 0 | 0 |
| 6319489 | MNN2 | 8.38 | 3 | 3 | 2.35 | 1 | 1 | 4.02 | 2 | 7 | 0 | 0 | 0 |
| 6319726 | ARO4 | 10.27 | 3 | 12 | 4.32 | 1 | 1 | 4.32 | 1 | 7 | 0 | 0 | 0 |
| 398364279 | VAC8 | 1.90 | 1 | 1 | 9.17 | 4 | 8 | 2.42 | 1 | 7 | 0 | 0 | 0 |
| 6324555 | TLG2 | 13.35 | 4 | 9 | 0 | 0 | 0 | 13.85 | 4 | 7 | 0 | 0 | 0 |
| 398366239 | GNT1 | 1.22 | 1 | 19 | 0 | 0 | 0 | 5.09 | 2 | 7 | 0 | 0 | 0 |
| 6322249 | OPT1 | 0 | 0 | 0 | 0 | 0 | 0 | 3.38 | 2 | 7 | 0 | 0 | 0 |
| 6319454 | PEP1 | 14.06 | 18 | 90 | 2.03 | 2 | 2 | 1.71 | 2 | 8 | 0 | 0 | 0 |
| 6322787 | YKL063C | 0 | 0 | 0 | 0 | 0 | 0 | 8.38 | 1 | 8 | 0 | 0 | 0 |
| 6324645 | NRT1 | 0 | 0 | 0 | 0 | 0 | 0 | 5.02 | 2 | 8 | 0 | 0 | 0 |
| 6323270 | YLR241W | 1.28 | 1 | 2 | 2.94 | 2 | 4 | 2.94 | 2 | 10 | 0 | 0 | 0 |
| 14318577 | RPN12 | 10.22 | 2 | 5 | 0 | 0 | 0 | 10.22 | 2 | 10 | 0 | 0 | 0 |
| 6324061 | LYP1 | 0 | 0 | 0 | 0 | 0 | 0 | 4.42 | 2 | 10 | 0 | 0 | 0 |
| 6320993 | FTR1 | 0 | 0 | 0 | 0 | 0 | 0 | 9.90 | 3 | 10 | 0 | 0 | 0 |
| 6320705 | ITR1 | 0 | 0 | 0 | 0 | 0 | 0 | 4.62 | 2 | 11 | 0 | 0 | 0 |
| 6319319 | ERP1 | 5.48 | 1 | 2 | 5.48 | 1 | 6 | 17.81 | 3 | 12 | 0 | 0 | 0 |
| 6324828 | SEC63 | 0 | 0 | 0 | 3.47 | 2 | 6 | 9.95 | 5 | 13 | 0 | 0 | 0 |
| 6319429 | FUI1 | 0 | 0 | 0 | 2.35 | 1 | 3 | 8.45 | 4 | 16 | 0 | 0 | 0 |
| 6325293 | VMA13 | 8.16 | 4 | 18 | 0 | 0 | 0 | 12.34 | 4 | 16 | 0 | 0 | 0 |
| 10383762 | RNQ1 | 4.20 | 1 | 1 | 4.20 | 1 | 1 | 9.88 | 2 | 18 | 0 | 0 | 0 |
| 6320691 | KRE2 | 10.41 | 3 | 3 | 2.94 | 1 | 3 | 17.19 | 5 | 19 | 0 | 0 | 0 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6323630 | ERV25 | 6.16 | 1 | 8 | 13.74 | 2 | 9 | 6.16 | 1 | 19 | 0 | 0 | 0 |
| 6323716 | TVP18 | 8.38 | 1 | 2 | 0 | 0 | 0 | 8.38 | 1 | 19 | 0 | 0 | 0 |
| 6319289 | SNC1 | 0 | 0 | 0 | 0 | 0 | 0 | 13.68 | 1 | 24 | 0 | 0 | 0 |
| 398364281 | EMP24 | 0 | 0 | 0 | 6.90 | 1 | 3 | 22.17 | 3 | 25 | 0 | 0 | 0 |
| 6320298 | DNF2 | 0.87 | 1 | 1 | 1.55 | 1 | 4 | 5.77 | 6 | 26 | 0 | 0 | 0 |
| 330443597 | MNN5 | 1.88 | 1 | 1 | 0 | 0 | 0 | 9.56 | 4 | 26 | 0 | 0 | 0 |
| 6320897 | FCY2 | 3.00 | 1 | 2 | 0 | 0 | 0 | 10.51 | 5 | 31 | 0 | 0 | 0 |
| 330443542 | SAP155 | 0.90 | 1 | 1 | 1.60 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318521 | SPB4 | 1.49 | 1 | 1 | 1.82 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323367 | NUP2 | 2.50 | 1 | 1 | 1.53 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319303 | TPD3 | 3.62 | 1 | 1 | 1.89 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324166 | RIA1 | 1.17 | 1 | 1 | 0.72 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364557 | AIM21 | 1.62 | 1 | 1 | 3.39 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322369 | SRS2 | 0.68 | 1 | 1 | 1.02 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324088 | ZWF1 | 3.37 | 1 | 1 | 3.96 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319890 | TAF2 | 0.92 | 1 | 1 | 0.57 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320033 | SFA1 | 2.33 | 1 | 1 | 2.07 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325429 | BSP1 | 1.74 | 1 | 1 | 1.39 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323022 | YLL007C | 2.41 | 1 | 1 | 1.50 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324918 | YOR342C | 3.76 | 1 | 1 | 3.76 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320091 | TRM3 | 0.63 | 1 | 1 | 0.70 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322925 | SIS2 | 4.27 | 2 | 2 | 1.78 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321999 | SCH9 | 1.82 | 1 | 2 | 1.58 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320106 | RPN6 | 2.76 | 1 | 2 | 2.76 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320934 | PTC2 | 4.53 | 2 | 2 | 4.53 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322545 | STE18 | 15.45 | 1 | 2 | 8.18 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27808714 | LAP3 | 2.42 | 1 | 2 | 3.08 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322410 | IRC8 | 2.07 | 2 | 2 | 0.97 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318532 | UBP6 | 6.01 | 2 | 3 | 3.21 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320129 | BRE1 | 5.14 | 3 | 3 | 1.29 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324287 | COG6 | 2.74 | 2 | 3 | 1.31 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320846 | NTF2 | 25.60 | 3 | 3 | 12.80 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324508 | MET22 | 5.60 | 2 | 3 | 6.44 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319975 | GCS1 | 8.52 | 2 | 4 | 5.40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63535562 | CHA1 | 10.83 | 4 | 4 | 3.89 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322141 | NEO1 | 2.17 | 3 | 5 | 1.48 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365175 | CDC28 | 11.07 | 3 | 7 | 2.35 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

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| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|----------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 398366131 | ADE3 | 10.04 | 8 | 13 | 1.59 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322020 | VTH1 | 2.84 | 4 | 39 | 1.55 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324916 | RPA43 | 21.17 | 6 | 87 | 3.68 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323757 | HFD1 | 0 | 0 | 0 | 1.69 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323256 | ADY4 | 0 | 0 | 0 | 2.23 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320504 | ATP5 | 0 | 0 | 0 | 6.13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324144 | YML19 | 0 | 0 | 0 | 13.29 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365747 | DAM1 | 0 | 0 | 0 | 2.62 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365791 | MTQ2 | 0 | 0 | 0 | 3.62 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323109 | EMP46 | 0 | 0 | 0 | 3.15 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365027 | RPN10 | 0 | 0 | 0 | 7.09 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322634 | OXP1 | 0 | 0 | 0 | 0.70 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323485 | SST2 | 0 | 0 | 0 | 1.86 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322729 | OAC1 | 0 | 0 | 0 | 4.94 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323798 | SWP1 | 0 | 0 | 0 | 3.85 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321694 | COQ6 | 0 | 0 | 0 | 2.71 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321251 | COX4 | 0 | 0 | 0 | 12.90 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50593504 | YPL109C | 0 | 0 | 0 | 2.89 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324006 | LEM3 | 0 | 0 | 0 | 2.66 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323581 | NTE1 | 0 | 0 | 0 | 1.01 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320666 | HEH2 | 0 | 0 | 0 | 1.06 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323377 | YLR345W | 0 | 0 | 0 | 1.77 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325244 | MRPS16 | 0 | 0 | 0 | 10.74 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365817 | STE13 | 0 | 0 | 0 | 1.61 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322786 | MNR2 | 0 | 0 | 0 | 1.34 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323299 | DCS1 | 0 | 0 | 0 | 4.00 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323777 | POM152 | 0 | 0 | 0 | 1.27 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323521 | VAN1 | 0 | 0 | 0 | 2.43 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321838 | YHK8 | 0 | 0 | 0 | 1.75 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321688 | MGA1 | 0 | 0 | 0 | 1.97 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323415 | SMC6 | 0 | 0 | 0 | 0.72 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398365989 | YLR361C- | 0 | 0 | 0 | 12.24 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320856 | ISC1 | 0 | 0 | 0 | 2.10 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323515 | NDI1 | 0 | 0 | 0 | 3.90 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322031 | POT1 | 0 | 0 | 0 | 1.68 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318490 | CAK1 | 0 | 0 | 0 | 2.45 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325257 | CIT3 | 0 | 0 | 0 | 2.47 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

Table S1 - Smith-Kinnaman, *et al* (2014) Abbreviations: %SC = percent sequence coverage, UP = unique peptides, PSM = peptide spectrum matches

| Accession | Acronym | %SC FLAG_Rtr 1_1 | UP FLAG_Rtr1 _1 | # PSM FLAG_Rtr 1_1 | %SC FLAG_Rtr1_ ctk1_deleti on | UP FLAG_Rtr 1_ctk1_d eletion | # PSM FLAG_Rtr 1_ctk1_d eletion | %SC FLAG_Rtr1 _2 | UP FLAG_Rtr 1_2 | # PSM FLAG_Rtr 1_2 | %SC Rpb3_TA P_WT | UP Rpb3_TA P_WT | # PSM Rpb3_TA P_WT |
|-----------|---------|------------------------|-----------------------|--------------------------|----------------------------------------|---------------------------------------|------------------------------------------|------------------------|-----------------------|--------------------------|------------------------|-----------------------|--------------------------|
| 6323257 | ECM22 | 0 | 0 | 0 | 1.23 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323492 | GAB1 | 0 | 0 | 0 | 2.54 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322779 | YKL071W | 0 | 0 | 0 | 3.13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 330443687 | YMR317 | 0 | 0 | 0 | 1.67 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6322216 | MND2 | 0 | 0 | 0 | 4.08 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9755337 | NYV1 | 0 | 0 | 0 | 3.95 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366349 | RIF2 | 0 | 0 | 0 | 4.05 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323548 | RPM2 | 0 | 0 | 0 | 0.75 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364459 | SCS3 | 0 | 0 | 0 | 3.95 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323956 | LIP1 | 0 | 0 | 0 | 6.00 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362686 | STB1 | 0 | 0 | 0 | 2.62 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321342 | TOS8 | 0 | 0 | 0 | 3.99 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323000 | TPO1 | 0 | 0 | 0 | 2.73 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364289 | VAB2 | 0 | 0 | 0 | 3.90 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324803 | WTM2 | 0 | 0 | 0 | 2.36 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366213 | LYS4 | 0 | 0 | 0 | 2.74 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323285 | HAP1 | 0 | 0 | 0 | 1.07 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6321912 | MSH1 | 0 | 0 | 0 | 0.94 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10383785 | CWH43 | 0 | 0 | 0 | 1.26 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364257 | SPF1 | 0 | 0 | 0 | 2.06 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323304 | MCM5 | 1.03 | 1 | 1 | 1.94 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398366185 | YLR419W | 0.77 | 1 | 1 | 0.70 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319366 | SFT2 | 5.58 | 1 | 1 | 5.58 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324749 | ALE1 | 2.26 | 1 | 1 | 2.26 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325112 | KES1 | 2.30 | 1 | 2 | 3.23 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323682 | SUB1 | 14.04 | 3 | 3 | 4.79 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325049 | TYW1 | 2.84 | 2 | 3 | 1.23 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325179 | ATP4 | 17.62 | 4 | 4 | 12.30 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323882 | YMR226C | 19.85 | 4 | 5 | 10.11 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6323505 | ERO1 | 0 | 0 | 0 | 2.31 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37362643 | GET2 | 0 | 0 | 0 | 3.51 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14318552 | PTR3 | 0 | 0 | 0 | 1.47 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6320179 | RTK1 | 2.26 | 1 | 1 | 1.13 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6324513 | GPD2 | 4.77 | 2 | 2 | 3.41 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398364869 | APC11 | 0 | 0 | 0 | 4.24 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6319912 | SED4 | 0 | 0 | 0 | 5.16 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6325029 | ALG5 | 2.69 | 1 | 2 | 2.69 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |

