

a. MRPS15 quantification on cytosolic extract

| Sample | Experiment | | | | Mean | SD |
|-------------------|------------|----------|---------|---------|----------------|---------|
| | 1 | 2 | 3 | 4 | | |
| Input unt | 74608.1 | 115702.5 | 76231.2 | 72716.3 | 84814.5 | 15444.0 |
| Input tm | 103786.3 | 98110.3 | 44773.4 | 77991.4 | 81165.4 | 19783.0 |
| Normalized by unt | | | | | | |
| Sample | Experiment | | | | Mean | SD |
| | 1 | 2 | 3 | 4 | | |
| Input unt | 0.88 | 1.36 | 0.90 | 0.86 | 1.00 | 0.21 |
| Input tm | 1.22 | 1.16 | 0.53 | 0.92 | 0.97 | 0.29 |

b. MRPS15 quantification on cytosolic extract without mitochondria

| Sample | Experiment | | | Mean | SD |
|-------------------|------------|-----------|----------|-----------------|----------|
| | 1 | 2 | 3 | | |
| Input unt | 233986.1 | 1708121.8 | 370668.5 | 770925.5 | 624797.6 |
| Input tm | 334023.9 | 2268352.1 | 209904.1 | 937426.7 | 887283.6 |
| Normalized by unt | | | | | |
| Sample | Experiment | | | Mean | SD |
| | 1 | 2 | 3 | | |
| Input unt | 0.30 | 2.22 | 0.48 | 1.00 | 0.81 |
| Input tm | 0.43 | 2.94 | 0.27 | 1.22 | 1.15 |

c. Experiment 1

| Fluorescence intensity | | | | Normalized to unt | | | |
|------------------------|-------------------------|----------|-------------------------|-------------------|-------------------------|----------|-------------------------|
| unt | | tm | | unt | | tm | |
| Raw data | Normalized to cell size | Raw data | Normalized to cell size | Raw data | Normalized to cell size | Raw data | Normalized to cell size |
| 422.85 | 867.50 | 275.21 | 760.59 | 1.71 | 1.56 | 1.11 | 1.37 |
| 424.98 | 917.91 | 388.25 | 922.74 | 1.72 | 1.65 | 1.57 | 1.66 |
| 298.36 | 593.49 | 465.37 | 1083.35 | 1.21 | 1.07 | 1.88 | 1.95 |
| 328.45 | 617.06 | 432.21 | 1019.62 | 1.33 | 1.11 | 1.75 | 1.83 |
| 334.90 | 722.79 | 235.19 | 625.37 | 1.35 | 1.30 | 0.95 | 1.12 |
| 250.39 | 486.74 | 252.38 | 627.24 | 1.01 | 0.87 | 1.02 | 1.13 |
| 295.02 | 607.05 | 302.79 | 677.83 | 1.19 | 1.09 | 1.22 | 1.22 |
| 195.90 | 427.82 | 317.90 | 764.83 | 0.79 | 0.77 | 1.29 | 1.37 |
| 207.99 | 455.17 | 356.78 | 874.32 | 0.84 | 0.82 | 1.44 | 1.57 |
| 155.90 | 381.87 | 273.52 | 629.25 | 0.63 | 0.69 | 1.11 | 1.13 |
| 192.86 | 469.36 | 226.34 | 546.54 | 0.78 | 0.84 | 0.92 | 0.98 |
| 215.09 | 496.54 | 192.27 | 464.19 | 0.87 | 0.89 | 0.78 | 0.83 |
| 262.91 | 580.07 | 307.48 | 623.81 | 1.06 | 1.04 | 1.24 | 1.12 |
| 181.17 | 397.44 | 325.84 | 661.58 | 0.73 | 0.71 | 1.32 | 1.19 |
| 219.15 | 602.49 | 287.46 | 710.42 | 0.89 | 1.08 | 1.16 | 1.28 |
| 212.51 | 459.18 | 286.74 | 722.27 | 0.86 | 0.82 | 1.16 | 1.30 |
| 209.76 | 494.47 | 286.16 | 619.71 | 0.85 | 0.89 | 1.16 | 1.11 |
| 280.96 | 728.33 | 232.66 | 483.84 | 1.14 | 1.31 | 0.94 | 0.87 |
| 200.70 | 441.43 | 283.44 | 612.74 | 0.81 | 0.79 | 1.15 | 1.10 |
| 252.20 | 592.93 | 305.00 | 754.96 | 1.02 | 1.06 | 1.23 | 1.36 |
| 267.02 | 636.76 | 352.96 | 777.51 | 1.08 | 1.14 | 1.43 | 1.40 |
| 263.54 | 599.32 | 268.12 | 623.40 | 1.07 | 1.08 | 1.08 | 1.12 |
| 212.14 | 474.08 | 252.38 | 541.46 | 0.86 | 0.85 | 1.02 | 0.97 |
| 283.45 | 594.43 | 476.06 | 1002.82 | 1.15 | 1.07 | 1.93 | 1.80 |
| 304.70 | 597.46 | 276.08 | 649.69 | 1.23 | 1.07 | 1.12 | 1.17 |
| 273.10 | 580.04 | 334.26 | 743.70 | 1.10 | 1.04 | 1.35 | 1.34 |
| 252.51 | 625.01 | 376.64 | 977.02 | 1.02 | 1.12 | 1.52 | 1.75 |
| 290.67 | 650.01 | 300.31 | 622.72 | 1.18 | 1.17 | 1.21 | 1.12 |
| 182.37 | 417.72 | 277.35 | 662.40 | 0.74 | 0.75 | 1.12 | 1.19 |
| 212.40 | 471.57 | 255.02 | 519.29 | 0.86 | 0.85 | 1.03 | 0.93 |
| 228.83 | 563.65 | 280.74 | 635.50 | 0.93 | 1.01 | 1.14 | 1.14 |
| 183.02 | 405.65 | 209.32 | 480.62 | 0.74 | 0.73 | 0.85 | 0.86 |
| 200.13 | 466.80 | 152.55 | 394.58 | 0.81 | 0.84 | 0.62 | 0.71 |
| 254.16 | 611.24 | 217.62 | 509.44 | 1.03 | 1.10 | 0.88 | 0.91 |
| 230.22 | 603.81 | 231.70 | 504.28 | 0.93 | 1.08 | 0.94 | 0.91 |
| 308.52 | 766.65 | 243.99 | 528.59 | 1.25 | 1.38 | 0.99 | 0.95 |
| 178.01 | 439.79 | 365.92 | 847.87 | 0.72 | 0.79 | 1.48 | 1.52 |
| 325.16 | 690.02 | 151.57 | 575.13 | 1.32 | 1.24 | 0.61 | 1.03 |
| 187.13 | 434.21 | 246.45 | 709.65 | 0.76 | 0.78 | 1.00 | 1.27 |
| 265.15 | 625.02 | 270.05 | 654.20 | 1.07 | 1.12 | 1.09 | 1.17 |
| 332.52 | 697.61 | 154.86 | 565.90 | 1.34 | 1.25 | 0.63 | 1.02 |

| | | | | | | | |
|--------|--------|--------|---------|------|------|------|------|
| 266.02 | 598.75 | 317.52 | 847.18 | 1.08 | 1.08 | 1.28 | 1.52 |
| 366.73 | 674.03 | 222.92 | 482.02 | 1.48 | 1.21 | 0.90 | 0.87 |
| 208.71 | 464.27 | 278.08 | 594.76 | 0.84 | 0.83 | 1.12 | 1.07 |
| 211.25 | 514.43 | 337.27 | 714.59 | 0.85 | 0.92 | 1.36 | 1.28 |
| 186.66 | 441.67 | 268.03 | 582.65 | 0.75 | 0.79 | 1.08 | 1.05 |
| 253.30 | 625.41 | 286.87 | 620.91 | 1.02 | 1.12 | 1.16 | 1.12 |
| 215.86 | 580.82 | 191.29 | 496.78 | 0.87 | 1.04 | 0.77 | 0.89 |
| 183.10 | 426.73 | 314.63 | 705.66 | 0.74 | 0.77 | 1.27 | 1.27 |
| 209.20 | 477.43 | 209.75 | 495.98 | 0.85 | 0.86 | 0.85 | 0.89 |
| 132.65 | 301.74 | 221.97 | 544.09 | 0.54 | 0.54 | 0.90 | 0.98 |
| | | 256.82 | 555.26 | | | 1.04 | 1.00 |
| | | 197.48 | 436.71 | | | 0.80 | 0.78 |
| | | 348.02 | 1021.58 | | | 1.41 | 1.83 |
| | | 290.67 | 703.03 | | | 1.18 | 1.26 |
| | | 347.25 | 798.35 | | | 1.40 | 1.43 |
| | | 308.25 | 771.78 | | | 1.25 | 1.39 |
| | | 272.83 | 684.32 | | | 1.10 | 1.23 |
| | | 329.25 | 717.81 | | | 1.33 | 1.29 |
| | | 260.44 | 742.06 | | | 1.05 | 1.33 |
| | | 246.15 | 586.87 | | | 1.00 | 1.05 |
| | | 370.03 | 925.66 | | | 1.50 | 1.66 |
| Mean | | Mean | | Mean | | Mean | |
| 247.26 | 556.78 | 283.91 | 673.21 | 1.00 | 1.00 | 1.15 | 1.21 |

d. Experiment 2

| Fluorescence intensity | | | | Normalized to unt | | | |
|------------------------|-------------------------|----------|-------------------------|-------------------|-------------------------|----------|-------------------------|
| unt | | tm | | unt | | tm | |
| Raw data | Normalized to cell size | Raw data | Normalized to cell size | Raw data | Normalized to cell size | Raw data | Normalized to cell size |
| 488.63 | 968.46 | 357.19 | 750.39 | 1.13 | 1.06 | 0.83 | 0.82 |
| 453.43 | 888.40 | 275.84 | 587.79 | 1.05 | 0.97 | 0.64 | 0.64 |
| 410.16 | 810.96 | 272.05 | 580.75 | 0.95 | 0.88 | 0.63 | 0.63 |
| 364.62 | 791.15 | 369.85 | 782.81 | 0.84 | 0.86 | 0.86 | 0.85 |
| 411.38 | 806.01 | 283.85 | 638.86 | 0.95 | 0.88 | 0.66 | 0.70 |
| 394.19 | 832.58 | 270.14 | 558.84 | 0.91 | 0.91 | 0.62 | 0.61 |
| 339.37 | 726.64 | 293.53 | 641.52 | 0.78 | 0.79 | 0.68 | 0.70 |
| 598.75 | 1121.51 | 272.02 | 642.61 | 1.38 | 1.22 | 0.63 | 0.70 |
| 344.55 | 731.63 | 169.06 | 417.86 | 0.80 | 0.80 | 0.39 | 0.46 |
| 385.84 | 862.84 | 209.16 | 477.95 | 0.89 | 0.94 | 0.48 | 0.52 |
| 401.56 | 898.90 | 308.36 | 751.60 | 0.93 | 0.98 | 0.71 | 0.82 |
| 355.47 | 758.97 | 262.90 | 609.94 | 0.82 | 0.83 | 0.61 | 0.67 |
| 320.40 | 674.85 | 314.23 | 609.11 | 0.74 | 0.74 | 0.73 | 0.66 |
| 308.14 | 689.89 | 307.49 | 598.68 | 0.71 | 0.75 | 0.71 | 0.65 |
| 346.69 | 656.05 | 376.58 | 879.40 | 0.80 | 0.72 | 0.87 | 0.96 |
| 385.40 | 740.86 | 401.71 | 997.24 | 0.89 | 0.81 | 0.93 | 1.09 |

| | | | | | | | |
|--------|---------|--------|---------|------|------|------|------|
| 330.17 | 662.08 | 331.17 | 721.81 | 0.76 | 0.72 | 0.77 | 0.79 |
| 390.02 | 775.41 | 419.09 | 945.99 | 0.90 | 0.85 | 0.97 | 1.03 |
| 513.22 | 989.58 | 245.28 | 645.79 | 1.19 | 1.08 | 0.57 | 0.70 |
| 358.52 | 775.02 | 318.42 | 641.40 | 0.83 | 0.85 | 0.74 | 0.70 |
| 222.28 | 521.71 | 336.62 | 745.05 | 0.51 | 0.57 | 0.78 | 0.81 |
| 340.26 | 725.79 | 400.39 | 823.08 | 0.79 | 0.79 | 0.93 | 0.90 |
| 303.21 | 672.86 | 342.76 | 896.56 | 0.70 | 0.73 | 0.79 | 0.98 |
| 262.99 | 646.53 | 315.83 | 743.75 | 0.61 | 0.70 | 0.73 | 0.81 |
| 393.99 | 957.38 | 526.04 | 980.88 | 0.91 | 1.04 | 1.22 | 1.07 |
| 291.27 | 707.04 | 435.13 | 855.89 | 0.67 | 0.77 | 1.01 | 0.93 |
| 196.01 | 614.80 | 340.44 | 729.80 | 0.45 | 0.67 | 0.79 | 0.80 |
| 347.23 | 722.21 | 378.35 | 800.41 | 0.80 | 0.79 | 0.88 | 0.87 |
| 552.32 | 1169.48 | 398.12 | 1027.02 | 1.28 | 1.28 | 0.92 | 1.12 |
| 479.66 | 1043.25 | 374.13 | 881.68 | 1.11 | 1.14 | 0.87 | 0.96 |
| 311.19 | 674.72 | 729.45 | 1727.79 | 0.72 | 0.74 | 1.69 | 1.88 |
| 300.48 | 718.10 | 536.49 | 1130.03 | 0.70 | 0.78 | 1.24 | 1.23 |
| 340.56 | 741.82 | 343.56 | 746.68 | 0.79 | 0.81 | 0.79 | 0.81 |
| 385.34 | 792.23 | 479.89 | 1078.27 | 0.89 | 0.86 | 1.11 | 1.18 |
| 397.08 | 852.98 | 459.01 | 1066.33 | 0.92 | 0.93 | 1.06 | 1.16 |
| 460.94 | 1009.81 | 435.10 | 1129.56 | 1.07 | 1.10 | 1.01 | 1.23 |
| 322.25 | 652.97 | 405.15 | 868.74 | 0.75 | 0.71 | 0.94 | 0.95 |
| 344.35 | 829.07 | 347.14 | 756.66 | 0.80 | 0.90 | 0.80 | 0.83 |
| 312.50 | 599.35 | 451.57 | 1071.74 | 0.72 | 0.65 | 1.04 | 1.17 |
| 537.89 | 1010.99 | 685.51 | 1459.05 | 1.24 | 1.10 | 1.59 | 1.59 |
| 435.87 | 951.73 | 440.54 | 931.47 | 1.01 | 1.04 | 1.02 | 1.02 |
| 438.68 | 895.03 | 421.23 | 887.07 | 1.01 | 0.98 | 0.97 | 0.97 |
| 367.10 | 740.82 | 431.76 | 889.07 | 0.85 | 0.81 | 1.00 | 0.97 |
| 392.33 | 832.88 | 416.09 | 906.56 | 0.91 | 0.91 | 0.96 | 0.99 |
| 396.58 | 1071.17 | 362.80 | 733.25 | 0.92 | 1.17 | 0.84 | 0.80 |
| 380.90 | 802.56 | 370.23 | 742.40 | 0.88 | 0.88 | 0.86 | 0.81 |
| 599.37 | 1113.26 | 380.46 | 873.12 | 1.39 | 1.21 | 0.88 | 0.95 |
| 636.87 | 1314.06 | 334.81 | 725.68 | 1.47 | 1.43 | 0.77 | 0.79 |
| 597.97 | 1176.39 | 301.34 | 715.88 | 1.38 | 1.28 | 0.70 | 0.78 |
| 497.17 | 1268.84 | 392.42 | 800.32 | 1.15 | 1.38 | 0.91 | 0.87 |
| 534.11 | 1247.07 | 547.09 | 922.61 | 1.24 | 1.36 | 1.27 | 1.01 |
| 408.65 | 1113.74 | 656.72 | 1486.10 | 0.95 | 1.21 | 1.52 | 1.62 |
| 400.89 | 926.38 | 415.14 | 864.01 | 0.93 | 1.01 | 0.96 | 0.94 |
| 418.09 | 1004.54 | 282.23 | 642.60 | 0.97 | 1.10 | 0.65 | 0.70 |
| 484.36 | 886.33 | 332.59 | 724.14 | 1.12 | 0.97 | 0.77 | 0.79 |
| 461.42 | 882.55 | 322.20 | 622.76 | 1.07 | 0.96 | 0.75 | 0.68 |
| 463.90 | 966.33 | 521.91 | 925.18 | 1.07 | 1.05 | 1.21 | 1.01 |
| 398.54 | 838.97 | 505.53 | 1040.50 | 0.92 | 0.91 | 1.17 | 1.13 |
| 726.13 | 1735.02 | 353.17 | 698.85 | 1.68 | 1.89 | 0.82 | 0.76 |
| 472.34 | 1023.28 | 328.19 | 803.81 | 1.09 | 1.12 | 0.76 | 0.88 |
| 917.46 | 1558.88 | | | 2.12 | 1.70 | | |
| 576.61 | 1219.41 | | | 1.33 | 1.33 | | |

| | | | | | | | |
|--------|---------|--------|--------|------|------|------|------|
| 626.36 | 1585.23 | | | 1.45 | 1.73 | | |
| 903.32 | 1525.64 | | | 2.09 | 1.66 | | |
| 564.23 | 1103.71 | | | 1.31 | 1.20 | | |
| Mean | | Mean | | Mean | | Mean | |
| 432.33 | 917.06 | 381.58 | 832.24 | 1.00 | 1.00 | 0.88 | 0.91 |

e. Experiment 3

| Fluorescence intensity | | | | Normalized to unt | | | |
|------------------------|-------------------------|----------|-------------------------|-------------------|-------------------------|----------|-------------------------|
| unt | | tm | | unt | | tm | |
| Raw data | Normalized to cell size | Raw data | Normalized to cell size | Raw data | Normalized to cell size | Raw data | Normalized to cell size |
| 353.56 | 1030.68 | 714.28 | 1503.62 | 0.88 | 1.22 | 1.78 | 1.78 |
| 393.64 | 987.35 | 539.14 | 1128.71 | 0.98 | 1.17 | 1.35 | 1.34 |
| 406.21 | 850.80 | 440.21 | 929.00 | 1.01 | 1.01 | 1.10 | 1.10 |
| 379.26 | 867.35 | 458.12 | 888.92 | 0.95 | 1.03 | 1.14 | 1.05 |
| 363.15 | 692.18 | 508.17 | 971.08 | 0.91 | 0.82 | 1.27 | 1.15 |
| 428.23 | 828.09 | 534.42 | 1038.24 | 1.07 | 0.98 | 1.34 | 1.23 |
| 373.47 | 760.16 | 481.16 | 1024.71 | 0.93 | 0.90 | 1.20 | 1.21 |
| 554.31 | 1119.22 | 420.22 | 838.06 | 1.38 | 1.32 | 1.05 | 0.99 |
| 360.69 | 756.67 | 463.97 | 866.17 | 0.90 | 0.90 | 1.16 | 1.02 |
| 327.26 | 665.10 | 462.04 | 958.77 | 0.82 | 0.79 | 1.15 | 1.13 |
| 271.97 | 891.02 | 409.13 | 943.03 | 0.68 | 1.05 | 1.02 | 1.12 |
| 542.09 | 1056.96 | 480.46 | 989.05 | 1.35 | 1.25 | 1.20 | 1.17 |
| 505.14 | 955.92 | 452.17 | 1179.98 | 1.26 | 1.13 | 1.13 | 1.40 |
| 383.84 | 817.09 | 576.65 | 1313.32 | 0.96 | 0.97 | 1.44 | 1.55 |
| 386.87 | 901.95 | 624.95 | 1251.57 | 0.97 | 1.07 | 1.56 | 1.48 |
| 495.36 | 1022.02 | 491.20 | 1232.75 | 1.24 | 1.21 | 1.23 | 1.46 |
| 309.21 | 644.95 | 921.00 | 1786.59 | 0.77 | 0.76 | 2.30 | 2.11 |
| 264.22 | 522.27 | 772.95 | 1737.67 | 0.66 | 0.62 | 1.93 | 2.06 |
| 341.74 | 689.01 | 463.49 | 943.16 | 0.85 | 0.82 | 1.16 | 1.12 |
| 290.26 | 682.46 | 824.69 | 1565.59 | 0.73 | 0.81 | 2.06 | 1.85 |
| 269.43 | 580.54 | 554.05 | 1176.55 | 0.67 | 0.69 | 1.38 | 1.39 |
| 314.18 | 679.21 | 567.12 | 1413.49 | 0.78 | 0.80 | 1.42 | 1.67 |
| 278.55 | 599.49 | 440.35 | 860.16 | 0.70 | 0.71 | 1.10 | 1.02 |
| 334.91 | 761.40 | 550.83 | 1250.41 | 0.84 | 0.90 | 1.38 | 1.48 |
| 485.43 | 1019.89 | 710.16 | 1219.44 | 1.21 | 1.21 | 1.77 | 1.44 |
| 502.30 | 969.85 | 511.56 | 1401.14 | 1.25 | 1.15 | 1.28 | 1.66 |
| 528.69 | 1082.16 | 474.36 | 926.37 | 1.32 | 1.28 | 1.19 | 1.10 |
| 468.25 | 1083.75 | 399.08 | 794.61 | 1.17 | 1.28 | 1.00 | 0.94 |
| 346.66 | 757.49 | 528.18 | 982.81 | 0.87 | 0.90 | 1.32 | 1.16 |
| 464.59 | 1059.78 | 483.44 | 890.73 | 1.16 | 1.25 | 1.21 | 1.05 |
| 536.95 | 1254.32 | 342.40 | 715.88 | 1.34 | 1.48 | 0.86 | 0.85 |
| 630.06 | 1305.60 | 466.43 | 966.35 | 1.57 | 1.54 | 1.17 | 1.14 |
| 515.62 | 1060.34 | 469.32 | 1072.38 | 1.29 | 1.25 | 1.17 | 1.27 |
| 263.96 | 683.40 | 650.60 | 1433.95 | 0.66 | 0.81 | 1.63 | 1.70 |

| | | | | | | | |
|--------|---------|--------|---------|------|------|------|------|
| 402.99 | 782.52 | 500.08 | 1050.47 | 1.01 | 0.93 | 1.25 | 1.24 |
| 385.20 | 805.55 | 517.78 | 1081.28 | 0.96 | 0.95 | 1.29 | 1.28 |
| 330.08 | 672.36 | 502.63 | 1136.02 | 0.82 | 0.80 | 1.26 | 1.34 |
| 381.38 | 788.50 | 465.17 | 914.33 | 0.95 | 0.93 | 1.16 | 1.08 |
| 526.38 | 1070.28 | 603.93 | 1457.01 | 1.32 | 1.27 | 1.51 | 1.72 |
| 355.01 | 765.79 | 501.27 | 931.49 | 0.89 | 0.91 | 1.25 | 1.10 |
| 356.95 | 723.36 | 542.02 | 1022.64 | 0.89 | 0.86 | 1.35 | 1.21 |
| 377.01 | 735.95 | 389.53 | 812.22 | 0.94 | 0.87 | 0.97 | 0.96 |
| 418.51 | 830.58 | 456.08 | 956.89 | 1.05 | 0.98 | 1.14 | 1.13 |
| 381.63 | 938.97 | 512.02 | 1056.44 | 0.95 | 1.11 | 1.28 | 1.25 |
| 429.54 | 887.24 | 633.45 | 1072.11 | 1.07 | 1.05 | 1.58 | 1.27 |
| 320.91 | 794.02 | 382.24 | 893.80 | 0.80 | 0.94 | 0.95 | 1.06 |
| 395.34 | 816.00 | 513.17 | 1199.91 | 0.99 | 0.97 | 1.28 | 1.42 |
| 324.84 | 646.26 | 474.56 | 927.67 | 0.81 | 0.76 | 1.19 | 1.10 |
| 250.87 | 511.86 | 561.75 | 1227.65 | 0.63 | 0.61 | 1.40 | 1.45 |
| 393.20 | 760.37 | 380.45 | 793.99 | 0.98 | 0.90 | 0.95 | 0.94 |
| 421.65 | 906.70 | 469.07 | 1093.12 | 1.05 | 1.07 | 1.17 | 1.29 |
| 391.17 | 751.14 | 447.03 | 1140.52 | 0.98 | 0.89 | 1.12 | 1.35 |
| 399.31 | 808.28 | 388.48 | 947.06 | 1.00 | 0.96 | 0.97 | 1.12 |
| 327.47 | 677.23 | 462.10 | 931.77 | 0.82 | 0.80 | 1.15 | 1.10 |
| 392.41 | 744.08 | 512.65 | 933.03 | 0.98 | 0.88 | 1.28 | 1.10 |
| 333.92 | 668.44 | 602.27 | 1059.12 | 0.83 | 0.79 | 1.50 | 1.25 |
| 553.96 | 1012.96 | 506.92 | 1059.75 | 1.38 | 1.20 | 1.27 | 1.25 |
| 354.31 | 908.25 | 668.84 | 1222.30 | 0.89 | 1.07 | 1.67 | 1.45 |
| 553.34 | 1028.11 | 348.32 | 897.92 | 1.38 | 1.22 | 0.87 | 1.06 |
| 497.30 | 986.85 | 728.20 | 1469.19 | 1.24 | 1.17 | 1.82 | 1.74 |
| 465.62 | 876.85 | 518.97 | 1225.51 | 1.16 | 1.04 | 1.30 | 1.45 |
| 426.31 | 859.34 | 496.86 | 1146.53 | 1.07 | 1.02 | 1.24 | 1.36 |
| | | 489.83 | 1015.86 | | | 1.22 | 1.20 |
| Mean | | Mean | | Mean | | Mean | |
| 400.27 | 845.10 | 520.03 | 1093.17 | 1.00 | 1.00 | 1.30 | 1.29 |

Table S3. MRPS15 quantification in cytosol with or without mitochondria.

a) MRPS15 quantification in total cytosolic extract (left panel) or cytosolic extract without mitochondria (right panel) in stressed and unstressed cells was performed using capillary electrophoresis Simple Western (Fig. 3a).

b) MRPS15 immunofluorescence staining in stressed and unstressed cell. Mitochondria were stained using Mitotracker and a mask of mitochondria was done using threshold Otsu from ImageJ and was subtracted from MRPS15 channel to quantify MRPS15 staining. Quantification was performed on 3 independent experiments with at least 50 cells quantified per condition and MRPS15 staining from stressed cells were compared to unstressed cells with a non parametric Mann-Whitney test (Fig. 3b).