

Supplemental Data for the work entitled "Selective Moonlighting Cell-Penetrating Peptides" by Rafael Morán-Torres, David A. Castillo González, Beatriz Aguilar Maldonado, Maria Luisa Durán-Pastén, Susana Castro-Obregon & Gabriel Del Rio

Table S4. Fluorescence intensity data measuring the internalization of activatable CPP in mammalian cells.

HEK293_10_p1, HeLa_10_p1, HEK293_5_p1, HeLa_5_p1, HEK293_1_p1, HeLa_1_p1, HEK293_10_p2, HeLa_10_p2, HEK293_5_p2, HeLa_5_p2, HEK293_1_p2, HeLa_1_p2, HEK293_10_p4, HeLa_10_p4, HEK293_5_p4, HeLa_5_p4, HEK293_1_p4, HeLa_1_p4

9.737,8.153,4.689,8.462,3.93,3.116,31.784,39.225,24.748,47.146,3.718,9.127,11.8
47,18.006,5.098,7.548,3.196,17.064
5.226,9.27,5.137,10.143,4.289,3.59,36.927,9.923,15.417,47.533,5.448,8.603,9.57,
17.187,7.883,8.2,1.585,5.495
5.974,9.366,2.972,15.857,2.284,7.582,28.209,65.356,30.343,18.476,6.818,2.331,7.
949,9.515,20.174,18.66,6.023,10.99
8.157,7.367,7.445,7.354,1.211,9.509,43.636,40.097,14.835,46.861,5.293,8.34,12.8
2,21.783,9.54,37.313,3.395,7.959
7.483,11.227,2.456,16.271,2.943,2.354,15.899,11.526,27.445,23.924,3.138,8.156,7
.641,11.855,8.928,6.953,5.574,4.079
17.198,17.264,5.911,17.58,3.299,4.533,19.77,6.043,22.194,44.164,3.433,4.473,11.
514,14.38,8.013,17.202,2.241,8.773
11.518,8.423,3.972,7.123,3.445,5.431,13.652,46.347,24.071,30.425,5.753,10.416,8
.598,20.224,8.714,5.525,2.396,10.16
10.816,15.067,4.456,12.314,1.907,4.451,24.594,23.97,24.292,24.471,5.714,9.377,1
6.177,12.104,8.542,6.997,3.155,7.883
5.939,7.884,9.148,10.015,4.819,4.345,28.592,21.571,21.274,44.727,4.872,9.295,20
.095,10.636,5.113,6.228,2.309,4.183
9.519,9.38,6.946,24.844,2.633,4.061,31.75,66.149,16.434,41.58,5.147,22.466,3.22
,11.132,8.569,25.759,2.819,8.289
13.721,8.455,4.628,8.652,1.339,6.96,29.275,30.514,16.253,32.746,2.142,7.448,7.8
73,13.722,9.406,2.993,5.123,6.994
26.795,13.048,3.261,9.54,3.293,6.154,22.516,57.686,19.104,12.493,5.592,8.087,3.
822,23.485,9.575,8.888,2.96,11.638
8.181,5.806,4.455,6.238,2.409,9.195,37.289,29.402,14.413,23.594,3.435,5.755,3.1
61,11.248,2.359,16.994,1.831,5.497
5.664,12.911,2.075,4.496,2.718,5.279,38.58,40.893,25.952,11.61,4.245,7.675,8.03
7,3.245,5.718,3.789,2.631,12.375
8.147,4.884,3.128,10.11,2.932,7.693,37.136,50.338,20.287,36.374,5.77,6.256,11.0
21,7.962,6.528,21.587,2.696,8.61
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589,32.871,4.202,12.723,1.663,14.971
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28.595,7.453,13.205,1.684,13.611
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8,15.624,12.588,22.327,2.612,5.853
9.4,4.917,6.724,7.713,2.51,7.97,28.112,66.012,11.41,16.272,9.413,7.253,2.789,14
.933,8.489,5.388,3.958,4.814
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16.046,16.898,3.104,8.183,1.408,4.024,26.789,46.968,18.156,25.635,7.548,8.565,7
.085,21.661,12.361,5.486,2.102,4.199
7.634,9.414,9.48,3.876,2.838,5.474,29.413,40.777,14.168,41.697,4.183,12.611,4.6
17,16.506,4.218,5.852,2.097,14.786
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14.404,17.942,7.564,16.659,3.094,2.24,20.275,43.967,29.661,11.23,9.458,4.941,11
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85,13.115,9.522,12.648,1.315,9.123
9.683,6.725,2.422,11.736,1.761,7.845,43.306,32.947,46.229,26.245,8.505,5.388,8.
103,6.844,10.677,14.101,4.26,5.494
19.819,7.58,5.953,10.299,5.395,1.96,43.825,43.082,39.811,22.346,3.804,5.779,6.1
77,6.52,5.708,16.316,2.686,14.253
16.072,8.378,3.532,7.786,1.509,6.66,20.762,30.403,52.103,11.363,2.955,9.48,6.88
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574,8.932,2.162,13.26,3.864,11.053
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93,15.318,7.374,9.169,1.998,11.879
19.324,8.764,4.127,12.114,3.501,5.144,21.402,54.632,22.289,28.122,5.889,14.223,
6.514,3.782,6.179,7.701,4.12,16.614
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294,16.218,10.353,7.625,3.23,5.525
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454,11.836,9.479,18.975,3.134,18.161
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384,19.635,3.967,24.5,2.744,20.887
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602,19.769,4.312,9.675,1.95,14.198
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15.239,7.298,4.516,7.836,3.925,8.999,24.632,7.883,15.839,8.062,5.803,8.802,9.40
3,15.871,11.889,9.126,6.046,9.881
5.392,11.183,3.87,15.107,1.917,5.602,24.754,8.91,25.416,47.069,3.751,8.872,14.4
15,12.575,5.823,17.758,2.203,14.435
31.394,9.727,4.714,13.433,2.838,7.978,28.343,44.327,12.925,45.38,4.5,8.256,5.75
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13.643,7.294,4.976,11.325,2.422,4.153,16.544,45.764,18.188,58.412,7.037,5.504,1
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8.621,11.73,5.059,8.56,8.043,2.783,28.12,46.276,14.203,29.582,2.502,11.111,7.20
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12.304,10.609,4.044,10.286,3.283,3.318,41.848,54.529,20.496,62.496,7.947,10.242
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6.068,13.205,12.319,8.57,3.893,4.284,24.706,9.217,27.255,64.687,3.935,4.496,11.

921,11.69,9.282,8.306,3.05,23.747
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.609,19.375,8.27,8.91,2.758,23.564
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10.861,12.967,8.254,5.539,1.343,3.834,20.478,8.736,20.63,26.065,11.432,9.356,8.
637,18.631,4.063,14.986,3.267,9.701
40.614,5.376,2.946,11.727,3.029,9.198,25.1,58.441,18.581,16.659,7.841,8.524,10.
519,10.838,11.701,35.063,2.873,20.544
13.558,10.057,3.32,10.482,3.263,5.068,45.369,49.732,25.851,9.263,2.867,11.557,8
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9.121,7.997,3.335,10.697,3.368,4.332,40.642,58.44,21.701,10.218,3.027,7.125,11.
014,10.455,5.608,8.124,2.043,24.219
25.832,5.533,3.744,10.289,3.503,4.108,57.153,33.429,25.278,36.512,5.54,9.984,6.
059,17.526,11.635,4.114,1.684,11.42
9.195,18.422,3.363,6.997,3.676,3.775,37.759,65.414,14.049,12.629,6.027,6.93,7.9
77,12.219,7.534,14.082,2.765,12.091
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01,11.55,9.383,9.431,2.837,10.592
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033,21.215,6.957,23.164,2.878,5.324
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.012,10.61,12.083,18.991,1.134,7.389
14.549,5.388,5.352,8.123,3.291,4.493,19.347,5.799,21.617,17.75,3.625,8.403,9.94
3,10.772,3.455,15.842,4.324,11.267
13.649,8.678,2.064,8.2,1.52,7.401,30.716,52.979,33.952,22.83,4.218,11.189,8.99,
13.419,9.718,3.297,1.926,2.594
8.233,12.312,2.57,14.867,1.49,10.176,22.993,29.016,19.234,50.268,5.391,24.844,1
2.894,13.54,5.596,9.217,2.551,16.784
7.138,5.797,4.605,17.952,3.552,5.315,26.696,3.962,14.596,41.387,5.152,7.294,10.
383,14.791,6.032,13.927,2.221,7.653
11.152,11.554,3.307,4.085,3.825,4.437,25.461,51.462,39.45,35.022,5.806,6.462,9.
972,6.802,8.784,7.605,4.358,16.212
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2,91.317,9.435,8.922,2.676,6.567
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6.86,9.902,8.11,2.459,1.52,18.236
7.825,12.499,4.349,8.75,2.57,1.516,30.276,37.929,7.254,43.783,4.184,6.409,6.054
,6.548,7.973,11.363,3.19,22.715
10.089,6.96,4.353,12.996,2.201,5.173,33.56,7.778,19.246,48.831,4.967,10.875,10.
166,10.221,9.844,23.863,1.887,9.875
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,13.669,11.929,21.34,1.947,3.102
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10.162,7.147,2.445,4.415,1.061,6.69,20.082,32.139,54.996,55.585,2.599,9.919,3.8
11,5.195,10.468,7.157,4.188,19.967
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,7.62,6.129,14.115,2.423,9.658
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27,11.427,10.064,8.437,1.824,10.091
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8,3.151,4.006,17.415,3.485,1.991
6.416,8.105,13.174,12.731,2.036,4.664,11.942,40.725,25.934,5.388,3.428,6.944,4.
623,8.832,12.879,17.484,2.528,3.628
4.901,31.461,1.725,9.727,2.341,8.462,12.815,57.262,13.867,33.793,6.621,6.071,10
.645,18.221,11.458,6.268,3.032,11.817
6.621,3.82,3.029,8.373,3.74,4.634,36.388,66.828,44.097,9.705,3.559,10.54,10.283
,17.31,7.711,3.343,3.184,13.276
41.12,29.497,2.77,5.243,1.274,5.586,32.188,62.186,17.94,35.632,8.074,6.048,12.4

86,15.304,3.019,14.059,4.943,6.618
10.801,8.606,3.362,13.048,3.679,6.981,35.435,30.869,19.111,23.017,8.612,10.118,
4.051,26.716,9.219,10.289,2.351,11.073
17.206,9.923,4.5,11.27,1.895,9.97,8.74,36.305,17.898,8.48,3.189,13.295,13.636,1
5.324,11.616,38.724,1.162,10.078
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1,23.017,6.563,5.278,3.808,4.516
9.6,8.727,2.443,10.045,3.813,1.697,32.154,11.363,4.88,48.658,3.714,6.914,12.532
,9.377,8.698,8.925,1.852,6.714
6.367,11.073,3.382,4.242,3.377,2.567,27.758,36.163,26.505,44.559,4.102,10.294,1
1.787,5.519,9.783,18.745,2.777,8.966
13.509,5.082,4.554,15.871,1.732,5.275,27.16,38.277,26.729,29.533,4.684,5.994,10
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10.982,17.029,4.232,18.422,3.071,5.02,26.038,55.172,19.525,50.714,10.14,12.539,
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13.811,8.66,2.961,5.812,3.201,4.01,35.109,63.335,30.285,58.729,7.33,4.044,9.365
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