

Supplementary Information

Split-GFP reassembly assay: strengths and caveats from a multiparametric analysis

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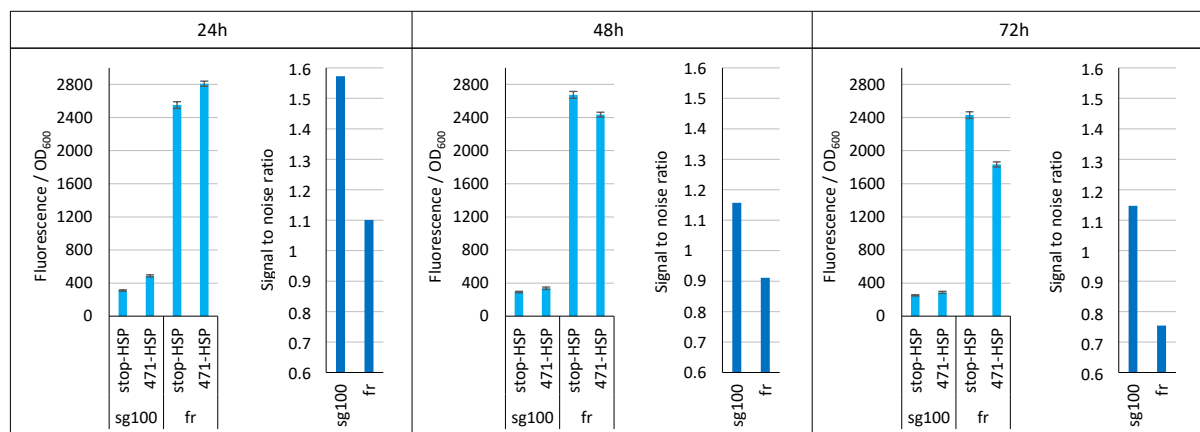
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Supplementary Figures S1

Supplementary Table S1



Supplementary Figure S1. Fluorescence to OD₆₀₀ ratios and signal to noise ratio of a split-GFP reassembly assay comparing results obtained at 24h, 48h and 72h with sg100 and fr and with stop-HSP and 471-HSP at 17°C.

Supplementary Table S1. Sequence of the primers used in this study.

Primer	Sequence
mutGFPuv1	GTCACTACTCTGACCTATGGTGTTCAATGCTT
mutGFPuv2	CCATAGGTCAGAGTAGTGACAAGTGTTG
p17-Amp1	GGGGTTCCGCGCACATTTC
GFPuv1	GATATACATATGGCTAGCCATCACCACCATCACCATGGCGCGAGTAAAGGAGAAGAAGCTTTTC
GFPuv2a	ACCTTGTTTGTCTTCCCGGGATTGCTCGAGCCAGAGCCAGAGCCTGCCGTGATGTATACATTGTGTGAGTTATAGTTGTACTCCAGTTTG
MluIfrC	GCCATGACAAAAACGCGTAACAAAAGTGTCTATAATCAC
AatIIR	GACGTCGACTTCATTATTAT
GFPuv3a	ATAATAATGAAGTCGACGTCGGGTGGAAGCGGTAAGAATGGAATCAAAGCTAAC
GFPuv4b	GCCGGATCCTTAGTTGTACATCATTATTTGTAGAGCTCATC
BsrGF	TGTACAATAAGGATCCGGC
frCHindIII	AAAGAAATGCATAAGCTTTTGCCATTCTCACCGGATTC
XhoIStopNtail	CTCTGGCTCTGGCTCGAGCTAATAAACTACTGAGGACAAG
StopNtailBamHI	TTGTTAGCAGCCGGATCCTTATTAGTCTAGAAGATTTC
XhoI471	CTCTGGCTCTGGCTCGAGCACACCCCTAGACATTGACAC
471BamHI	TTGTTAGCAGCCGGATCCTTATTAGTCTAGAAGATTTCTGTCATTG
sfGFP1	AGAGGGTGAAGGTGATGCAACAAACGGAAAAC
sfGFP2	TTGCATCACCTTCACCCTCTCCACGGACAGAAAATT
sfGFP3	GATGACGGGACCTACAAGAC
sfGFP4	GTCTTGTAGGTCCCGTCATC
GFPuv2b	TTCCCGGGATTGCTCGAGCCAGAGCCAGAGCCACCTTGTGTTGTCTGCCGTGATGTATACATTGTGTGAGTTAAAGTTGTAC
p17-Amp3	GATGGTGTCCGGGATCTCGACGC
CsfGFP1b	ATAATAATGAAGTCGACGTCGGGTGGAAGCGGTAAGAATGGA ATCAAAGCTAACTTCAAAATTCGCCACAACGTGGAAGATGG
GFPuv4b	GCCGGATCCTTAGTTGTACATCATTATTTGTAGAGCTCATC
sfGFP5	GACACAATCTGTGCTTTCGAAAG
sfGFP6	CTTTCGAAAGCACAGATTGTGTC
GFPuv3a	ATAATAATGAAGTCGACGTCGGGTGGAAGCGGTAAGAATGGAATCAAAGCTAAC
pMRBadHisR	ATGGTGATGGTGGTGTATGTTTGTAGAGCTCATCCATGC
pMRBadHisF	CATCACCACCATCACCATTAAATGATGTACAATAAGGAT
attB1-Hsp72	GGGGACAAGTTTGTACAAAAAAGCAGGCTCTGCCAAAGCCGCGGCAGTCGG
Hsp72-AttB2-AS	GGGGACCACTTTGTACAAGAAAGCTGGGTCTTAATCTACCTCCTCAATGGTGGGGCC
Hsp72BspHI	AAGGAGATATACTCATGAGCGCCAAAGCCGCGGCAGTCGG
Hsp72AatII	CCGCTTCCACCCGACGTCGAATCTACCTCCTCAATGGTGGGGCC
BspHI471	AAGGAGATATACTCATGAGCACACCCCTAGACATTGACAC
471AatII	CCGCTTCCACCCGACGTCGAGTCTAGAAGATTTCTGTCATTG

NeGFP1	GATATACATATGGCTAGCCATCACCACCATCACCATATGGTGAGCAAGGGCGAGGAG
NeGFP2	TTCCCGGGATTGCTCGAGCCAGAGCCAGAGCCACCCTGCTTGTCTGGCCATGATATAG
CEGFP1	ATAATAATGAAGTCGACGTCGGGTGGAAGCGGTAAGAACGGCATCAAGGTGAAC
CEGFP2	GCCGGATCCTTAGTTGTACATCATTACTTGTACAGCTCGTCCATGCC
XhoIStopNtail	CTCTGGCTCTGGCTCGAGCTAATAAACTACTGAGGACAAG
StopNtailBamHI	TTGTTAGCAGCCGGATCCTTATTAGTCTAGAAGATTTC
XhoI471	CTCTGGCTCTGGCTCGAGCACACCCCTAGACATTGACAC
471BamHI	TTGTTAGCAGCCGGATCCTTATTAGTCTAGAAGATTTCTGTCATTG
pMR-Nco-M.XD.F	CCATG GGC GCA TCA CGC AGT GTA ATC CGC TCC
pMR-M.XD-Aat	GACGTCGACTTCATTATTATCTTCACCAGCAT
sfGFP1	AGAGGGTGAAGGTGATGCAACAAACGGAAAAC
sfGFP2	TTGCATCACCTTCACCCTCTCCACGGACAGAAAATTT
sfGFP3	GATGACGGGACCTACAAGAC
sfGFP4	GTCTTGTAAGGTCCCGTCATC
GFPuv2b	TTCCCGGGATTGCTCGAGCCAGAGCCAGAGCCACCTTGTTTGTCTGCCGTGATGTATACATTGTGTGAGTTAAAGTTGTAC
p17-Amp3	GATGGTGTCCGGGATCTC GACGC
CsfGFP1b	ATAATAATGAAGTCGACGTCGGGTGGAAGCGGTAAGAATGGA ATCAAAGCTAACTTCAAAATTCGCCACAACGTGGAAGATGG
sfGFP5	GACACAATCTGTGCTTTCGAAAG
sfGFP6	CTTTCGAAAGCACAGATTGTGTC
NcoIhsb	AAGGAGATATACCCATGGGCCCCGACGGCGGCAGCCGCGAG
hsbAatII	CCGCTTCCACCCGACGTCGATTCCGACGCGGCGCCCGCGC
XhoIStopNtail	CTCTGGCTCTGGCTCGAGCTAATAAACTACTGAGGACAAG
StopNtailBamHI	TTGTTAGCAGCCGGATCCTTATTAGTCTAGAAGATTTC
XhoI471	CTCTGGCTCTGGCTCGAGCACACCCCTAGACATTGACAC
471BamHI	TTGTTAGCAGCCGGATCCTTATTAGTCTAGAAGATTTCTGTCATTG
attL1a	ACCTGTTTCGTTGCAACAAATTGATGAGCAATGCTTTTTTATAATGCCAAGTTTGTACAAAAAAGCAGGC
attL2a	TTTTGACTGATAGTGACCTGTTTCGTTGCAACAAATTGATAAGCAATGCTTTCCTATAATGCCCACTTTGTACAAGAAAGCTGGG