**Table S1. Plasmids used in this study**

|  |  |  |  |
| --- | --- | --- | --- |
| ID number | Plasmid | Protein Expressed | Reference |
| B493 | pRS415-*MET25* | None | ATCC 87322 |
| B494 | pRS416-*MET25* | None | ATCC 87324 |
| B1642 | pRS414-*GPD*-*mt-ffRFP* | *N. crassa* ATP9(1-69) + fast folding DsRed (RFP) | Karren et al., 2005 |
| B2053 | pRS416-*MET25*-*MDV1* | Mdv1 | Karren et al., 2005 |
| B2212 | pRS416-*MET25*-*CAF4* | Caf4 | This Study |
| B2290 | pRS415-*MET25-GFP-CAF4* | GFP-Caf4 | This Study |
| B2291 | pRS416-*MET25-ffRFP-MDV1* | RFP-Mdv1 | This Study |
| B2384 | pRS415-*MET25-GFP-MDV1* | GFP-Mdv1 | This Study |
| B2408 | pRS416-*MET25-ffRFP-CAF4* | RFP-Caf4 | This Study |
| B3002 | p414-*GPD-mt-mCherry* | *N. crassa* ATP9(1-69) + mCherry | This Study |
| B2562 | pRS316-*RFP-SKL* | RFP-SKL | [Fagarasanu](http://jcb.rupress.org/search?author1=Andrei+Fagarasanu&sortspec=date&submit=Submit) et al., 2009 [1] |
| B3174 | pRS416-*MET25*-*CAF4NTE-MDV1CC+WD* | Caf4NTE-Mdv1CC+WD | This Study |
| B3175 | pRS416-*MET25*-*MDV1NTE-CAF4CC-MDV1NTE* | Mdv1NTE-Caf4CC-Mdv1NTE | This Study |
| B3176 | pRS416-*MET25*-*MDV1NTE+CC-CAF4WD* | Mdv1NTE+CC-Caf4WD | This Study |
| B3177 | pRS416-*MET25*-*MDV1NTE-CAF4CC+WD* | Mdv1NTE-Caf4CC+WD | This Study |
| B3178 | pRS416-*MET25*-*CAF4NTE-MDV1CC-CAF4NTE* | Caf4NTE-Mdv1CC-Caf4NTE | This Study |
| B3179 | pRS416-*MET25*-*CAF4NTE+CC-MDV1WD* | Caf4NTE+CC-Mdv1WD | This Study |

**Supporting Reference**

1. Fagarasanu A, Mast FD, Knoblach B, Jin Y, Brunner MJ, et al. (2009) Myosin-driven peroxisome partitioning in *S. cerevisiae*. J Cell Biol 186: 541-554.