

A2091 MGH57: Heterokaryon carrying both WT *An-vps36* and $\Delta An-vps36::pyrGAF$ (*pyrG89*); $\Delta nKuA_{Ku70}::argB$ (*argB2*); *pyroA4*; *nirA14*; *sE15*, *wA3*; *fwA1*; *chaA1*.

A2092 MGH59: Heterokaryon carrying both WT *An-vps36* and $\Delta An-vps36::pyrGAF$ (*pyrG89*); *nimA7*; $\Delta nKuA_{Ku70}::argB$ (*argB2*); *riboA1*; *pyroA4*; *nicB8/A2?*; *wA3*.

A2093 MGH45: Heterokaryon carrying both WT *An-vps4* and $\Delta An-vps4::pyrGAF$ (*pyrG89*); $\Delta nKuA_{Ku70}::argB$ (*argB2*); *pyroA4*; *nirA14*; *sE15*, *wA3*; *fwA1*; *chaA1*.

A2094 MGH47: Heterokaryon carrying both WT *An-vps4* and $\Delta An-vps4::pyrGAF$ (*pyrG89*); *nimA7*; $\Delta nKuA_{Ku70}::argB$ (*argB2*); *riboA1*; *pyroA4*; *nicB8/A2?*; *wA3*.

? Indicates marker might be present but covered by another mutation or the allele present not known.