

OD600 at 48h

0.75  
0.50  
0.25  
0.00

WT BY4741

WT BY4741 pHLUM

met3..-his2.. met3..-his2..

met3..-his2.. met3..

met3..-his2.. his2..

met3..-met1.. met3..-met1..

met3..-met1.. met3..

met3..-met1.. met1..

met14..-met5.. met14..-met5..

met14..-met5.. met14..

met14..-met5.. met5..

met14..-trp4.. met14..-trp4..

met14..-trp4.. met14..

met14..-trp4.. trp4..

met1..-arg2.. met1..-arg2..

met1..-arg2.. met1..

met1..-arg2.. arg2..

lys12..-trp4.. lys12..-trp4..

lys12..-trp4.. lys12..

lys12..-trp4.. trp4..

met3..-trp4.. met3..-trp4..

met3..-trp4.. met3..

met3..-trp4.. trp4..

trp2..-trp4.. trp2..-trp4..

trp2..-trp4.. trp2..

trp2..-trp4.. trp4..

met14..-arg2.. met14..-arg2..

met14..-arg2.. met14..

met14..-arg2.. arg2..

cultype



monocul1



monocul2



cocul



WT



monocul1



monocul2



cocul



WT