

Strain	Genotype	Reference
168	<i>trpC2</i>	Laboratory collection
BKK00700	<i>trpC2 ΔcoaX::neo</i>	12
BKK00730	<i>trpC2 ΔcysK::neo</i>	12
BKK01470	<i>trpC2 ΔecfT::neo</i>	12
BKK04520	<i>trpC2 ΔydbM::neo</i> ¹	12
BKK07190	<i>trpC2 ΔyezD::neo</i> ¹	12
BKK07200	<i>trpC2 ΔyetJ::neo</i> ¹	12
BKK09130	<i>trpC2 ΔtcyP::neo</i> ¹	12
BKK10010	<i>trpC2 ΔtrpP::neo</i>	12
BKK10370	<i>trpC2 ΔpanU::neo</i>	12
BKK14440	<i>trpC2 ΔpanG::neo</i>	12
BKK15110	<i>trpC2 ΔpanE::neo</i>	12
BKK15580	<i>trpC2 ΔcysP::neo</i> ¹	12
BKK15610	<i>trpC2 ΔylnD::neo</i> ¹	12
BKK15620	<i>trpC2 ΔsirB::neo</i> ¹	12
BKK15630	<i>trpC2 ΔylnF::neo</i> ¹	12
BKK21980	<i>trpC2 ΔypdP::neo</i>	12
BKK22410	<i>trpC2 ΔpanD::neo</i>	12

BKK22420	<i>trpC2 ΔpanC::neo</i>	12
BKK22430	<i>trpC2 ΔpanB::neo</i>	12
BKK23050	<i>trpC2 ΔribU::neo</i>	12
BKK23760	<i>trpC2 ΔcoaA::neo</i>	12
BKK27240	<i>trpC2 ΔyrhC::neo</i> ¹	12
BKK27260	<i>trpC2 ΔmccA::neo</i> ¹	12
BKK27270	<i>trpC2 ΔmtnN::neo</i> ¹	12
BKK27280	<i>trpC2 ΔyrrT::neo</i> ¹	12
BKK27520	<i>trpC2 ΔcymR::neo</i>	12
BKK28290	<i>trpC2 ΔilvC::neo</i>	12
BKK29280	<i>trpC2 ΔytnM::neo</i> ¹	12
BKK29290	<i>trpC2 ΔsndA::neo</i> ¹	12
BKK29300	<i>trpC2 ΔribR::neo</i> ¹	12
BKK29330	<i>trpC2 ΔcmoO::neo</i> ¹	12
BKK29340	<i>trpC2 ΔtcyN::neo</i> ¹	12
BKK29350	<i>trpC2 ΔtcyM::neo</i> ¹	12
BKK29360	<i>trpC2 ΔtcyL::neo</i> ¹	12
BKK29390	<i>trpC2 ΔsnaA::neo</i>	12
BKK29400	<i>trpC2 ΔascR::neo</i> ¹	12

BKK30990	<i>trpC2 ΔthiT::neo</i>	12
BKK32030	<i>trpC2 ΔyuiG::neo</i>	12
BKK39460	<i>trpC2 ΔyxeQ::neo</i> ¹	12
BKK39470	<i>trpC2 ΔsndB::neo</i> ¹	12
BKK39490	<i>trpC2 ΔyxeN::neo</i> ¹	12
BKK39510	<i>trpC2 ΔsnaB::neo</i> ¹	12
BKK39520	<i>trpC2 ΔyxeK::neo</i> ¹	12
GP1171	<i>trpC2 xkdE::(N-yfp erm^R)</i>	pGP886 → 168
GP3342	<i>trpC2 ΔilvC::lox72</i>	pDR244 → GP4404 (heat cured)
GP3343	<i>trpC2 ΔpanG::lox72 ΔpanE::lox72</i>	pDR244 → GP3348 (heat cured)
GP3346	<i>trpC2 ΔpanG::lox72 ΔilvC::neo</i>	BKK28290 → GP3347
GP3347	<i>trpC2 ΔpanG::lox72</i>	pDR244 → GP3383 (heat cured)
GP3348	<i>trpC2 ΔpanG::lox72 ΔpanE::neo</i>	BKK15110 → GP3347
GP3380	<i>trpC2 ΔcoaA::neo</i>	BKK23760 → 168
GP3381	<i>trpC2 ΔcoaX::neo</i>	BKK00700 → 168
GP3382	<i>trpC2 ΔpanD::neo</i>	BKK22410 → 168
GP3383	<i>trpC2 ΔpanG::neo</i>	BKK14440 → 168

GP3384	<i>trpC2 ΔpanE::neo</i>	BKK15110 → 168
GP3386	<i>trpC2 ΔcysK::neo</i>	BKK00730 → 168
GP3397	<i>trpC2 ΔilvC::lox72 ΔpanE::neo</i>	GP3384 → GP3342
GP4085	<i>trpC2 ΔcymR::neo</i>	BKK27520 → 168
GP4124	<i>trpC2 ΔcysK::lox72 ΔpanB::neo</i>	GP4401 → GP4462
GP4361	<i>trpC2 ΔpanC::cat</i>	This study
GP4362	<i>trpC2 ΔpanC::cat ΔcymR::lox72</i>	GP4361 → GP4463
GP4364	<i>trpC2 ΔpanC::cat ΔsnaA::neo</i>	GP4361 → GP4460
GP4375	<i>trpC2 ΔpanC::cat ΔcymR::lox72 ΔtcyN::neo</i>	BKK29340 → GP4362
GP4378	<i>trpC2 ΔpanC::cat ΔtcyN::neo</i>	BKK29340 → GP4361
GP4379	<i>trpC2 ΔpanC::cat xkdE::Pxyl-(empty)-ermC</i>	GP1171 → GP4361
GP4380	<i>trpC2 ΔpanC::cat xkdE::Pxyl-tcyJKLMN-ermC</i>	pGP4018 (Scal) → GP4361
GP4383	<i>trpC2 ΔpanC::cat ΔsnaA::lox72</i>	pDR244 → GP4364 (heat cured)
GP4401	<i>trpC2 ΔpanB::neo</i>	BKK22430 → 168
GP4402	<i>trpC2 ΔpanC::neo</i>	BKK22420 → 168
GP4403	<i>trpC2 ΔpanG::lox72 ΔpanE::lox72 ΔilvC::neo</i>	BKK28290 → GP3343
GP4404	<i>trpC2 ΔilvC::neo</i>	BKK28290 → 168

GP4444	<i>trpC2 ΔpanC::cat xkdE::Pxyl-tcyJKLMN-ermC</i> <i>ΔcoaA::neo</i>	GP3380 → GP4380
GP4448	<i>trpC2 ΔpanB::neo cysK^{G223*} alaS^{P731L}</i>	GP4401 suppressor on SP (pantothenate depletion)
GP4449	<i>trpC2 ΔpanB::neo cysK^{G223*}</i>	GP4401 suppressor on SP (pantothenate depletion)
GP4450	<i>trpC2 ΔpanC::neo guaB^{D64IAMA} [ΔydcL-yddM]</i> <i>yncM^{K13E} cymR^{L49T}</i>	GP4402 suppressor on SP (pantothenate depletion)
GP4460	<i>trpC2 ΔsnaA::neo</i>	BKK29390 → 168
GP4462	<i>trpC2 ΔcysK::lox72</i>	pDR244 → GP3386 (heat cured)
GP4463	<i>trpC2 ΔcymR::lox72</i>	pDR244 → GP4085 (heat cured)
GP4489	<i>trpC2 ΔcoaX::neo xkdE::Pxyl-tcyJKLMN-ermC</i> <i>ΔpanC::cat</i>	GP3381 → GP4380
GP4652	<i>trpC2 ΔpanC::cat xkdE::Pxyl-(empty)-ermC</i> <i>ΔcoaA::neo</i>	GP3380 → GP4379
GP4653	<i>trpC2 ΔpanC::cat xkdE::Pxyl-(empty)-ermC</i> <i>ΔcoaX::neo</i>	GP3381 → GP4379
GP4659	<i>trpC2 ΔtcyJKLMN::tet</i>	This study
GP4660	<i>trpC2 ΔpanC::cat ΔtcyJKLMN::tet</i>	GP4659 → GP4361

GP4670	<i>trpC2 ΔcoaBC::spc</i>	This study
GP4694	<i>trpC2 ΔpanC::cat ΔribU::neo</i>	BKK23050 → GP4361
GP4695	<i>trpC2 ΔpanC::cat ΔthiT::neo</i>	BKK30990 → GP4361
GP4696	<i>trpC2 ΔpanC::cat ΔtrpP::neo</i>	BKK10010 → GP4361
GP4697	<i>trpC2 ΔpanC::cat ΔpanU::neo</i>	BKK10370 → GP4361
GP4698	<i>trpC2 ΔpanC::cat ΔypdP::neo</i>	BKK21980 → GP4361
GP4699	<i>trpC2 ΔpanC::cat ΔyuiG::neo</i>	BKK32030 → GP4361
GP4700	<i>trpC2 ΔpanC::cat ΔecfT::neo</i>	BKK01470 → GP4361
GP4703	<i>trpC2 ΔecfT::neo</i>	BKK01470 → 168
GP4704	<i>trpC2 ΔpanU::neo</i>	BKK10370 → 168

¹These mutants were used in the initial screening to elucidate the suppression effect.