Table S14 - functional modules

| Module Number | Reaction Number | Reaction Abbreviation | Subsystem | DU_23S_2449_RECYCL | Kcgk_mxxx_RECYCL | MetT_512_RECYCL | MetT_16S_1402_RECYCL | MetT_16S_1407_RECYCL | MetT_16S_1516_RECYCL | MetT_16S_527_RECYCL | MetT_16S_966_RECYCL | MetT_23S_1618_RECYCL | MetT_23S_1962_RECYCL | MetT_23S_2030_RECYCL | MetT_23S_2069_RECYCL | MetT_23S_2445_RECYCL | MetT_23S_2498_RECYCL | MetT_23S_2503_RECYCL | MetT_L16_RECYCL | MetT_L33_RECYCL | MetT_L9-L12_RECYCL | MetT_S11_RECYCL | PrmB_mxxx_RECYCL | RlmA_mxxx_RECYCL | RlmB_dim_RECYCL | RlmC_mxxx_RECYCL | RlmD_mxxx_RECYCL | RlmE_mxxx_RECYCL | RlmF_mxxx_RECYCL | RlmG_mxxx_RECYCL | RlmH_mxxx_RECYCL | RlmI_mxxx_RECYCL | RlmJ_mxxx_RECYCL | RlmK_mxxx_RECYCL | RlmL_mxxx_RECYCL | RlmM_mxxx_RECYCL | RlmN_mxxx_RECYCL | RnpA_mxxx_RECYCL | RnpB_mxxx_RECYCL | RsmA_mxxx_RECYCL | RsmB_mxxx_RECYCL | RsmC_mxxx_RECYCL | RsmD_mxxx_RECYCL | RsmE_mxxx_RECYCL | RsmF_mxxx_RECYCL | RsmG_mxxx_RECYCL | RsmH_mxxx_RECYCL | RsmI_mxxx_RECYCL | RsmJ_mxxx_RECYCL | RsmP_mxxx_RECYCL | TgtA_mxxx_RECYCL | YfgA_mxxx_RECYCL | YfgB_mxxx_RECYCL | YfiC_mxxx_RECYCL | YhiO_mxxx_RECYCL | YqfC_mxxx_RECYCL | YrcB_mxxx_RECYCL | YrcC_mxxx_RECYCL | DeaD_mxxx_RECYCL | RnmA_mxxx_RECYCL | RlmB_dim_RECYCL | RlmC_dim_RECYCL | RlmD_dim_RECYCL | RlmE_dim_RECYCL | RlmF_dim_RECYCL | RlmG_dim_RECYCL | RlmH_dim_RECYCL | RlmI_dim_RECYCL | RlmJ_dim_RECYCL | RlmK_dim_RECYCL | RlmL_dim_RECYCL | RlmM_dim_RECYCL | RlmN_dim_RECYCL | RsmA_dim_RECYCL | RsmB_dim_RECYCL | RsmC_dim_RECYCL | RsmD_dim_RECYCL | RsmE_dim_RECYCL | RsmF_dim_RECYCL | RsmG_dim_RECYCL | RsmH_dim_RECYCL | RsmI_dim_RECYCL | RsmJ_dim_RECYCL | RsmP_dim_RECYCL | TrmA_mxxx_RECYCL | TrmU_mxxx_RECYCL | YcbY_mxxx_RECYCL | YhiQ_dim_RECYCL | YfiP_mxxx_RECYCL | EcfC_RNA_pos38_Q_RECYCL | QueA_mxxx_RECYCL | QueF_dim_RECYCL | QueF_dim_RECYCL | RlmB_E_tetra_RECYCL | RlmE_dim_RECYCL | RlmF_P_cplx_RECYCL | Hfq_RNA_pos_34_lysN_RECYCL |
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| Module Number | Reaction Number | Reaction Abbreviation | Subsystem | Reaction Abbreviation | Yrb0_rnmx_RECYCL | Yrb7_rnmx_RECYCL | Gf6_rnmx_RECYCL | Tmc7_rnmx_RECYCL | Tmc_tRN_RECYCL | cbbXXXDHFS_CONV | GnGEL7DAP-HSHES_CONV | Dn_tRN_RECYCL | dagdaNtrna_RECYCL | EF-Tb_RECYCL | EF-G_RECHARG | Dnaf_tRN_RECYCL | Grpf_tRN_RECYCL | Act_EF-TU_RECYCL | Met_EF-TU_RECYCL | Era_RECHARGE | Yrb0_rnmx_RECYCL | Ygjt_rnmx_RECYCL | Ygjd_rnmx_RECYCL | Ygbb_rnmx_RECYCL | Valt6_rnmx_RECYCL | Ub_tRNA-yes_37_AH_RECYCL | Tyr_RS_tRN_RECYCL | Trud7_rnmx_RECYCL | Trud6_rnmx_RECYCL | Trua_tRN_RECYCL | Trp_RS_tRN_RECYCL | Trm1rf_tRN_RECYCL | Trm1f_tRN_RECYCL | Trm7_rnmx_RECYCL | Trm4_tRNA_RECYCL | Tt5E_rnmx_RECYCL | Thr_RS_tRN_RECYCL | Thi_rnmx_RECYCL | Tdd4_tRN_RECYCL | Se_RS_tRN_RECYCL | Sdd6_rnmx_RECYCL | Rpo5_rnmx_RECYCL | Rpm7_rnmx_RECYCL | Rpm4_rnmx_RECYCL | Rpe6_rnmx_RECYCL | Rua_rnmx_RECYCL | Rha_rnmx_RECYCL | Rhaa_tRN_RECYCL | Rf2_rnmx_RECYCL | Rf1_rnmx_RECYCL | Pro_RS_tRN_RECYCL | Pnp_RS_tRN_RECYCL | Phe_RS_tRN_RECYCL | Nusb6_rnmx_RECYCL | Mdd_rnmx_RECYCL | Mta4_tRN_RECYCL | Met_RS_tRN_RECYCL | Met_tRNA-yes_37_HMB_RECYCL | Met7_tRNA-yes_37_HIA_RECYCL | Met6_tRNA-yes_37_CH_RECYCL | Mtaa_rnmx_RECYCL | Lys7_RS_tRN_RECYCL | Lys6_tRN_RECYCL | Leu6_rnmx_RECYCL | Ile5_rnmx_RECYCL | His_RS_tRN_RECYCL | Gly_RS_tRNA_RECYCL | Gln_rnmx_RECYCL | Glu6_rnmx_RECYCL | Dut_tRN_RECYCL | Dnaa_rnmx_RECYCL | Dnaa_rnmx_ATP_RECYCL | Cys6_rnmx_RECYCL | Asp_RS_tRN_RECYCL | Asn_RS_tRN_RECYCL | Ala_RS_tRNA_RECYCL | Ala6_rnmx_RECYCL | Acp6_rnmx_CC-pp6ki_RECYCL | Act_tRNA-yes_34-acIC_RECYCL |
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