

Accession	Entry Name	* ID interactor A	ID interactor B	interactor A	interactor B
P00350	6PGD_ECOLI	* P75914	P00350	ycdx_ecoli	6pgd_ecoli
P00350	6PGD_ECOLI	P37751	P00350	yefi_ecoli	6pgd_ecoli
P52697	6PGL_ECOLI	none			
P00509	AAT_ECOLI	* P0A6D0	P00509	argr_ecoli	aat_ecoli
P00509	AAT_ECOLI	* P0AES4	P00509	gyra_ecoli	aat_ecoli
P00509	AAT_ECOLI	* P77495	P00509	prpe_ecoli	aat_ecoli
P0ABD5	ACCA_ECOLI	* P24182	P0ABD5	acc_c_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P0A9Q5	P0ABD5	accd_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P0A9Q5	P0ABD5	accd_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P0A6A8	P0ABD5	acp_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P0A9X9	P0ABD5	cspa_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	P0A9Y6	P0ABD5	cspc_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P0A9Y6	P0ABD5	cspc_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P0A968	P0ABD5	cspd_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P0A9P6	P0ABD5	dead_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P0A6Q3	P0ABD5	faba_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P0ACE7	P0ABD5	hint_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P0A7B8	P0ABD5	hslv_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P0A9X4	P0ABD5	mreb_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P11458	P0ABD5	nada_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P0A9L5	P0ABD5	ppic_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P31473	P0ABD5	rava_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P0AA39	P0ABD5	rluc_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P00579	P0ABD5	rpod_ecoli	acca_ecoli
P0ABD5	ACCA_ECOLI	* P03018	P0ABD5	uvrd_ecoli	acca_ecoli
P24182	ACCC_ECOLI	* P0ABD8	P24182	bccp_ecoli	acc_c_ecoli
P24182	ACCC_ECOLI	* P28630	P24182	hola_ecoli	acc_c_ecoli
P24182	ACCC_ECOLI	P0A6H5	P24182	hslu_ecoli	acc_c_ecoli
P24182	ACCC_ECOLI	* P0A7B8	P24182	hslv_ecoli	acc_c_ecoli
P24182	ACCC_ECOLI	* P23869	P24182	ppib_ecoli	acc_c_ecoli
P24182	ACCC_ECOLI	P31473	P24182	rava_ecoli	acc_c_ecoli
P24182	ACCC_ECOLI	P25539	P24182	ribd_ecoli	acc_c_ecoli
P0A9G6	ACEA_ECOLI	* P0A890	P0A9G6	tusa_ecoli	acea_ecoli
Q46837	ACFD_ECOLI	none			
P0A6A3	ACKA_ECOLI	none			
P25516	ACON1_ECOLI	* P0AEG4	P25516	dsba_ecoli	acon1_ecoli

P25516	ACON1_ECOLI	*	P0A722	P25516	lpxa_ecoli	acon1_ecoli
P25516	ACON1_ECOLI	*	P77515	P25516	stfq_ecoli	acon1_ecoli
P36683	ACON2_ECOLI		P24205	P36683	msbb_ecoli	acon2_ecoli
P36683	ACON2_ECOLI	*	P63020	P36683	nfua_ecoli	acon2_ecoli
P36683	ACON2_ECOLI	*	P37128	P36683	nudk_ecoli	acon2_ecoli
P36683	ACON2_ECOLI	*	P37906	P36683	puub_ecoli	acon2_ecoli
P36683	ACON2_ECOLI	*	P0AG20	P36683	rela_ecoli	acon2_ecoli
P36683	ACON2_ECOLI	*	P0A7F6	P36683	sped_ecoli	acon2_ecoli
P36683	ACON2_ECOLI	*	P21889	P36683	syd_ecoli	acon2_ecoli
P36683	ACON2_ECOLI	*	P0AA25	P36683	thio_ecoli	acon2_ecoli
P36683	ACON2_ECOLI	*	P0AA25	P36683	thio_ecoli	acon2_ecoli
P36683	ACON2_ECOLI	*	P0AA25	P36683	thio_ecoli	acon2_ecoli
P36683	ACON2_ECOLI	*	P46923	P36683	torz_ecoli	acon2_ecoli
P36683	ACON2_ECOLI	*	P00895	P36683	trpe_ecoli	acon2_ecoli
P0A6A8	ACP_ECOLI	*	P0A9P6	P0A6A8	dead_ecoli	acp_ecoli
P0A6A8	ACP_ECOLI	*	P0AAI5	P0A6A8	fabf_ecoli	acp_ecoli
P0A6A8	ACP_ECOLI	*	P22523	P0A6A8	mukb_ecoli	acp_ecoli
P0A6A8	ACP_ECOLI	*	P0AG24	P0A6A8	spot_ecoli	acp_ecoli
P0A6A8	ACP_ECOLI	*	P0A8P8	P0A6A8	xerd_ecoli	acp_ecoli
P0A6A8	ACP_ECOLI	*	P0A8Z3	P0A6A8	ybgc_ecoli	acp_ecoli
P0A6A8	ACP_ECOLI	*	P0A894	P0A6A8	yhbj_ecoli	acp_ecoli
P0A6A8	ACP_ECOLI	*	P0ADQ2	P0A6A8	yiid_ecoli	acp_ecoli
P24180	ACRE_ECOLI		none			
P0ACS9	ACRR_ECOLI		none			
P22333	ADD_ECOLI	*	P08622	P22333	dnaj_ecoli	add_ecoli
P22333	ADD_ECOLI	*	P0A9A6	P22333	ftsz_ecoli	add_ecoli
P22333	ADD_ECOLI	*	P0AES4	P22333	gyra_ecoli	add_ecoli
P22333	ADD_ECOLI	*	P0C054	P22333	ibpa_ecoli	add_ecoli
P22333	ADD_ECOLI	*	P0C058	P22333	ibpb_ecoli	add_ecoli
P22333	ADD_ECOLI	*	P0A9X4	P22333	mreb_ecoli	add_ecoli
P22333	ADD_ECOLI	*	P69405	P22333	rcsa_ecoli	add_ecoli
P22333	ADD_ECOLI	*	P0AA25	P22333	thio_ecoli	add_ecoli
P0A9Q7	ADHE_ECOLI		P77488	P0A9Q7	dxs_ecoli	adhe_ecoli
P0A9Q7	ADHE_ECOLI		P0A6W5	P0A9Q7	grea_ecoli	adhe_ecoli
P0A9Q7	ADHE_ECOLI	*	P0AG20	P0A9Q7	rela_ecoli	adhe_ecoli
P0A9Q7	ADHE_ECOLI		P0AG40	P0A9Q7	ribf_ecoli	adhe_ecoli
P0A9Q7	ADHE_ECOLI	*	P0A812	P0A9Q7	ruvb_ecoli	adhe_ecoli
P0A9Q7	ADHE_ECOLI	*	P0AGD7	P0A9Q7	srp54_ecoli	adhe_ecoli
P0A9Q7	ADHE_ECOLI	*	P0A8N5	P0A9Q7	syk2_ecoli	adhe_ecoli

P0A9Q7	ADHE_ECOLI	*	P76017	P0A9Q7	ycgv_ecoli	adhe_ecoli
P19926	AGP_ECOLI		none			
P0AE08	AHPC_ECOLI	*	P0A6A3	P0AE08	acka_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P77624	P0AE08	arcm_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI		P0A6H1	P0AE08	clpx_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P32177	P0AE08	fdhd_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P0AEN1	P0AE08	fre_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P0A6S7	P0AE08	gpda_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI		P06988	P0AE08	hisx_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI		P34749	P0AE08	hofq_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI		P0A6Z1	P0AE08	hsca_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P30147	P0AE08	hyi_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P0AAN9	P0AE08	irap_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P0ADV1	P0AE08	lpta_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P37677	P0AE08	lyxk_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P76346	P0AE08	mtfa_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P0A752	P0AE08	nadd_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P77788	P0AE08	nudg_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P37128	P0AE08	nudk_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P05459	P0AE08	pdx_b_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	Q46920	P0AE08	quef_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P0AAQ6	P0AE08	ybaa_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P0ACU0	P0AE08	ybih_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P0A6G3	P0AE08	ygad_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P0A8H6	P0AE08	yihi_ecoli	ahpc_ecoli
P0AE08	AHPC_ECOLI	*	P32141	P0AE08	yiht_ecoli	ahpc_ecoli
P35340	AHPF_ECOLI	*	P00561	P35340	ak1h_ecoli	ahpf_ecoli
P35340	AHPF_ECOLI	*	P32719	P35340	alse_ecoli	ahpf_ecoli
P35340	AHPF_ECOLI	*	P05052	P35340	appy_ecoli	ahpf_ecoli
P35340	AHPF_ECOLI	*	P00968	P35340	carb_ecoli	ahpf_ecoli
P35340	AHPF_ECOLI	*	P10805	P35340	envy_ecoli	ahpf_ecoli
P35340	AHPF_ECOLI	*	P24205	P35340	msbb_ecoli	ahpf_ecoli
P35340	AHPF_ECOLI	*	P04391	P35340	otc1_ecoli	ahpf_ecoli
P35340	AHPF_ECOLI	*	P06960	P35340	otc2_ecoli	ahpf_ecoli
P35340	AHPF_ECOLI	*	P37906	P35340	puub_ecoli	ahpf_ecoli
P35340	AHPF_ECOLI	*	P0A8R0	P35340	rraa_ecoli	ahpf_ecoli
P35340	AHPF_ECOLI	*	P07604	P35340	tyrr_ecoli	ahpf_ecoli
P35340	AHPF_ECOLI		P39177	P35340	uspg_ecoli	ahpf_ecoli
P35340	AHPF_ECOLI	*	P0AED5	P35340	uvry_ecoli	ahpf_ecoli
P35340	AHPF_ECOLI	*	P77169	P35340	yagj_ecoli	ahpf_ecoli
P35340	AHPF_ECOLI		P77657	P35340	yagk_ecoli	ahpf_ecoli
P35340	AHPF_ECOLI		P39831	P35340	ydfg_ecoli	ahpf_ecoli

P35340	AHPF_ECOLI		P76318	P35340	yedk_ecoli	ahpf_ecoli
P35340	AHPF_ECOLI	*	P0A8D6	P35340	ymdb_ecoli	ahpf_ecoli
Q03155	AIDA_ECOLX		none			
P33224	AIDB_ECOLI	*	P0A6A8	P33224	acp_ecoli	aidb_ecoli
P33224	AIDB_ECOLI	*	P0A6A8	P33224	acp_ecoli	aidb_ecoli
P33224	AIDB_ECOLI	*	P36659	P33224	cbpa_ecoli	aidb_ecoli
P33224	AIDB_ECOLI	*	P0A9Y6	P33224	cspc_ecoli	aidb_ecoli
P33224	AIDB_ECOLI	*	P0A9Y6	P33224	cspc_ecoli	aidb_ecoli
P33224	AIDB_ECOLI		P61949	P33224	flav_ecoli	aidb_ecoli
P33224	AIDB_ECOLI	*	P0A6X3	P33224	hfq_ecoli	aidb_ecoli
P33224	AIDB_ECOLI	*	P77756	P33224	quec_ecoli	aidb_ecoli
P33224	AIDB_ECOLI	*	P37765	P33224	rlub_ecoli	aidb_ecoli
P33224	AIDB_ECOLI	*	P0AA39	P33224	rluc_ecoli	aidb_ecoli
P33224	AIDB_ECOLI		P0A832	P33224	ssrp_ecoli	aidb_ecoli
P33224	AIDB_ECOLI	*	P0AAS7	P33224	ybcj_ecoli	aidb_ecoli
P00561	AK1H_ECOLI	*	P36995	P00561	cspb_ecoli	ak1h_ecoli
P00561	AK1H_ECOLI	*	P0ACB0	P00561	dnab_ecoli	ak1h_ecoli
P00561	AK1H_ECOLI	*	P0A6H5	P00561	hslu_ecoli	ak1h_ecoli
P00561	AK1H_ECOLI	*	P0A850	P00561	tig_ecoli	ak1h_ecoli
P08660	AK3_ECOLI		none			
P0AB71	ALF_ECOLI	*	P62707	P0AB71	gpma_ecoli	alf_ecoli
P0AB71	ALF_ECOLI		P0AA25	P0AB71	thio_ecoli	alf_ecoli
P0A991	ALF1_ECOLI	*	P42641	P0A991	obg_ecoli	alf1_ecoli
P0A955	ALKH_ECOLI	*	P32053	P0A955	inta_ecoli	alkh_ecoli
P77425	ALLC_ECOLI	*	P07363	P77425	chea_ecoli	allc_ecoli
P77425	ALLC_ECOLI	*	P10805	P77425	envy_ecoli	allc_ecoli
P77425	ALLC_ECOLI	*	Q47208	P77425	fdra_ecoli	allc_ecoli
P0ACN4	ALLR_ECOLI	*	P30749	P0ACN4	moae_ecoli	allr_ecoli
P0ACN4	ALLR_ECOLI	*	P00956	P0ACN4	syj_ecoli	allr_ecoli
P36548	AMIA_ECOLI	*	P0A9F1	P36548	mntr_ecoli	amia_ecoli
P36548	AMIA_ECOLI	*	P19318	P36548	nary_ecoli	amia_ecoli
P36548	AMIA_ECOLI	*	P0A794	P36548	pdxj_ecoli	amia_ecoli
P36548	AMIA_ECOLI	*	P09377	P36548	rhas_ecoli	amia_ecoli
P36548	AMIA_ECOLI		P0AG67	P36548	rs1_ecoli	amia_ecoli
P36548	AMIA_ECOLI	*	P0ADZ4	P36548	rs15_ecoli	amia_ecoli

P36548	AMIA_ECOLI	* P76108	P36548	ydcx_ecoli	amia_ecoli
P63883	AMIC_ECOLI	* P29131	P63883	ftsn_ecoli	amic_ecoli
P63883	AMIC_ECOLI	P02919-2	P63883	P02919-2	amic_ecoli
P0AE12	AMN_ECOLI	P36562	P0AE12	cobt_ecoli	amn_ecoli
P0AE12	AMN_ECOLI	P0AED9	P0AE12	dcm_ecoli	amn_ecoli
P68767	AMPA_ECOLI	P00363	P68767	frda_ecoli	ampa_ecoli
P68767	AMPA_ECOLI	P04391	P68767	otc1_ecoli	ampa_ecoli
P13016	AMPD_ECOLI	none			
P0AD70	AMPH_ECOLI	none			
P0AE18	AMPM_ECOLI	* P0A921	P0AE18	pa1_ecoli	ampm_ecoli
P0AE18	AMPM_ECOLI	* P07813	P0AE18	syl_ecoli	ampm_ecoli
P0AE18	AMPM_ECOLI	* P00954	P0AE18	syw_ecoli	ampm_ecoli
P04825	AMPN_ECOLI	* P77399	P04825	fadj_ecoli	ampn_ecoli
P04825	AMPN_ECOLI	* P19318	P04825	nary_ecoli	ampn_ecoli
P04825	AMPN_ECOLI	* P0A7M6	P04825	rl29_ecoli	ampn_ecoli
P04825	AMPN_ECOLI	* P03018	P04825	uvrd_ecoli	ampn_ecoli
P62672	APAG_ECOLI	none			
P69503	APT_ECOLI	* P0A6J8	P69503	ddla_ecoli	apt_ecoli
P69503	APT_ECOLI	* P0A6M8	P69503	efg_ecoli	apt_ecoli
P0A9Q1	ARCA_ECOLI	none			
P0A6C8	ARGB_ECOLI	none			
P77690	ARNB_ECOLI	none			
P07639	AROB_ECOLI	P0A6M8	P07639	efg_ecoli	arob_ecoli
P07639	AROB_ECOLI	* P0A6Y1	P07639	ihfb_ecoli	arob_ecoli
P15770	AROE_ECOLI	none			
P0A6D7	AROK_ECOLI	P76256	P0A6D7	yeaz_ecoli	arok_ecoli
P0AE28	AROM_ECOLI	none			
P76205	ARPB_ECOLI	* P0AAB6	P76205	galf_ecoli	arpb_ecoli

P76205	ARPB_ECOLI	* P0A953	P0AB93	fabb_ecoli	arsb_ecoli
P00963	ASNA_ECOLI	* P23871	P00963	hemh_ecoli	asna_ecoli
P00963	ASNA_ECOLI	* P61320	P00963	lolb_ecoli	asna_ecoli
POACI6	ASNC_ECOLI	none			
P00805	ASPG2_ECOLI	* P25553	P00805	alda_ecoli	aspg2_ecoli
P00805	ASPG2_ECOLI	* P61320	P00805	lolb_ecoli	aspg2_ecoli
P36560	ASR_ECOLI	P0A6P1	P36560	efts_ecoli	asr_ecoli
POABB0	ATPA_ECOLI	P0ABB4	POABB0	atpb_ecoli	atpa_ecoli
POABB0	ATPA_ECOLI	P0ABB4	POABB0	atpb_ecoli	atpa_ecoli
POABB0	ATPA_ECOLI	* P0ABA4	POABB0	atpd_ecoli	atpa_ecoli
POABB0	ATPA_ECOLI	* P0ABA6	POABB0	atpg_ecoli	atpa_ecoli
POABB0	ATPA_ECOLI	* P0ABA6	POABB0	atpg_ecoli	atpa_ecoli
POABB0	ATPA_ECOLI	* P0AF24	POABB0	nagd_ecoli	atpa_ecoli
POABB0	ATPA_ECOLI	* P0AA25	POABB0	thio_ecoli	atpa_ecoli
POABB0	ATPA_ECOLI	* P39177	POABB0	uspg_ecoli	atpa_ecoli
POABB0	ATPA_ECOLI	P0AAN5	POABB0	yaia_ecoli	atpa_ecoli
POABB0	ATPA_ECOLI	* P37325	POABB0	ybch_ecoli	atpa_ecoli
POABB4	ATPB_ECOLI	* P0ABB0	POABB4	atpa_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	P0ABB0	POABB4	atpa_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	P0ABB0	POABB4	atpa_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	P0ABB0	POABB4	atpa_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P0ABB0	POABB4	atpa_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P0ABA4	POABB4	atpd_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P0ABA6	POABB4	atpg_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P0A964	POABB4	chew_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P0A9H9	POABB4	chez_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	P08622	POABB4	dnaj_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P0AEN1	POABB4	fre_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P0AAB6	POABB4	galf_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P0A6W5	POABB4	grea_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P15038	POABB4	held_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P0C054	POABB4	ibpa_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P0A9X4	POABB4	mreb_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P42909	POABB4	ptpb1_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P0A7J0	POABB4	ribb_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P0A8V2	POABB4	rpob_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P0AA25	POABB4	thio_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P0AA25	POABB4	thio_ecoli	atpb_ecoli
POABB4	ATPB_ECOLI	* P0AB43	POABB4	ycgl_ecoli	atpb_ecoli

P0ABB4	ATPB_ECOLI	* P0AD10	P0ABB4	yecj_ecoli	atpb_ecoli
P0ABB4	ATPB_ECOLI	* P0A8A2	P0ABB4	yeen_ecoli	atpb_ecoli
P0ABB4	ATPB_ECOLI	* P33941	P0ABB4	yoji_ecoli	atpb_ecoli
P0ABA0	ATPF_ECOLI	* P0ABB0	P0ABA0	atpa_ecoli	atpf_ecoli
P0ABA0	ATPF_ECOLI	* P21437	P0ABA0	yggf_ecoli	atpf_ecoli
P0ABA6	ATPG_ECOLI	* P0ABB0	P0ABA6	atpa_ecoli	atpg_ecoli
P0ABA6	ATPG_ECOLI	* P0ABB0	P0ABA6	atpa_ecoli	atpg_ecoli
P0ABA6	ATPG_ECOLI	* P0A9X9	P0ABA6	cspa_ecoli	atpg_ecoli
P0ABA6	ATPG_ECOLI	* P24171	P0ABA6	dcp_ecoli	atpg_ecoli
P0ABA6	ATPG_ECOLI	* P0ACB4	P0ABA6	hemg_ecoli	atpg_ecoli
P0ABA6	ATPG_ECOLI	* P0ACC1	P0ABA6	hemk_ecoli	atpg_ecoli
P0ABA6	ATPG_ECOLI	* P0ACE7	P0ABA6	hint_ecoli	atpg_ecoli
P0ABA6	ATPG_ECOLI	* P0A9F9	P0ABA6	metr_ecoli	atpg_ecoli
P68699	ATPL_ECOLI	* P0ABB0	P68699	atpa_ecoli	atpl_ecoli
P68699	ATPL_ECOLI	* P0AB18	P68699	tuse_ecoli	atpl_ecoli
P37617	ATZN_ECOLI	* P0AGK4	P37617	yhby_ecoli	atzn_ecoli
P41407	AZOR_ECOLI	none			
P30847	BAES_ECOLI	* P23909	P30847	muts_ecoli	baes_ecoli
P30847	BAES_ECOLI	* P41409	P30847	riha_ecoli	baes_ecoli
P30847	BAES_ECOLI	* P36928	P30847	yegd_ecoli	baes_ecoli
P30843	BASR_ECOLI	none			
P0AE52	BCP_ECOLI	none			
P37652	BCSB_ECOLI	* P77432	P37652	lsrk_ecoli	bcsb_ecoli
P37652	BCSB_ECOLI	* P00957	P37652	sya_ecoli	bcsb_ecoli
P37652	BCSB_ECOLI	* P0A8L1	P37652	sys_ecoli	bcsb_ecoli
P37652	BCSB_ECOLI	* P76464	P37652	yfas_ecoli	bcsb_ecoli
P17445	BETB_ECOLI	* P17446	P17445	beti_ecoli	betb_ecoli
P0ABD3	BFR_ECOLI	none			
P06864	BGA2_ECOLI	* P32053	P06864	inta_ecoli	bga2_ecoli
Q46829	BGLA_ECOLI	* P0A6C5	Q46829	arga_ecoli	bgla_ecoli
Q46829	BGLA_ECOLI	* P0A9P6	Q46829	dead_ecoli	bgla_ecoli
Q46829	BGLA_ECOLI	* P27248	Q46829	gcst_ecoli	bgla_ecoli

P12995	BIOA_ECOLI	* P0A8N3	P12995	syk1_ecoli	bioa_ecoli
P12996	BIOB_ECOLI	* P10408	P12996	seca_ecoli	biob_ecoli
P0A6E9	BIOD2_ECOLI	none			
P13001	BIOH_ECOLI	* P0A8T1	P13001	prma_ecoli	bioh_ecoli
P06610	BTUE_ECOLI	* P42641	P06610	obg_ecoli	btue_ecoli
P06610	BTUE_ECOLI	* P10442	P06610	rnh2_ecoli	btue_ecoli
P0AAE8	CADB_ECOLI	* P0A7E9	P0AAE8	pyrh_ecoli	cadb_ecoli
P0AAE8	CADB_ECOLI	* P0AAZ4	P0AAE8	rara_ecoli	cadb_ecoli
P31572	CAIB_ECOLI	* P05052	P31572	appy_ecoli	caib_ecoli
P31572	CAIB_ECOLI	* P0AE37	P31572	asta_ecoli	caib_ecoli
P31572	CAIB_ECOLI	* P0A6I6	P31572	coad_ecoli	caib_ecoli
P31572	CAIB_ECOLI	* P68644	P31572	fixc_ecoli	caib_ecoli
P31572	CAIB_ECOLI	* P37595	P31572	iaaa_ecoli	caib_ecoli
P31572	CAIB_ECOLI	* P75794	P31572	pfle_ecoli	caib_ecoli
P31572	CAIB_ECOLI	* P39902	P31572	sprt_ecoli	caib_ecoli
P21179	CATE_ECOLI	* P0AEG4	P21179	dsba_ecoli	cate_ecoli
P21179	CATE_ECOLI	* P0A8N5	P21179	syk2_ecoli	cate_ecoli
P36659	CBPA_ECOLI	* P18335	P36659	argd_ecoli	cbpa_ecoli
P36659	CBPA_ECOLI	* P21645	P36659	lpxd_ecoli	cbpa_ecoli
P36659	CBPA_ECOLI	* P21645	P36659	lpxd_ecoli	cbpa_ecoli
P36659	CBPA_ECOLI	* P0A850	P36659	tig_ecoli	cbpa_ecoli
P0ABF6	CDD_ECOLI	* P0A9R7	P0ABF6	ftse_ecoli	cdd_ecoli
P06282	CDH_ECOLI	* P0AAB6	P06282	galf_ecoli	cdh_ecoli
P04419	CEA2_ECOLX				
P00646	CEA3_ECOLX	* P06129	P00646	btub_ecoli	cea3_ecolx
P17999	CEA6_ECOLX				
P09883	CEA9_ECOLX				
P05819	CEAB_ECOLX	none			

P17998	CEAD_ECOLX	*	P11899	P17998	immd_ecoli	cead_ecolx
P17998	CEAD_ECOLX	*	P11899	P17998	immd_ecoli	cead_ecolx
POA9H7	CFA_ECOLI		none			
P25733	CFAC_ECOLX		none			
POA6F9	CH10_ECOLI	*	P28248	POA6F9	dcd_ecoli	ch10_ecoli
POA6F9	CH10_ECOLI	*	P0AA25	POA6F9	thio_ecoli	ch10_ecoli
POA6F5	CH60_ECOLI	*	P31119	POA6F5	aas_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P76052	POA6F5	abgb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P77744	POA6F5	abgr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P0ABD5	POA6F5	acca_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P11071	POA6F5	acek_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P21515	POA6F5	acph_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P24224	POA6F5	acps_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P33234	POA6F5	adiy_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P50466	POA6F5	aer_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P23872	POA6F5	aes_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P42912	POA6F5	agai_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P33224	POA6F5	aidb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P33224	POA6F5	aidb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P05050	POA6F5	alkb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P0A955	POA6F5	alkh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P77555	POA6F5	alld_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P0ACR0	POA6F5	alls_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P32721	POA6F5	alsa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P0AE12	POA6F5	amn_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P04825	POA6F5	ampn_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P77570	POA6F5	anmk_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P0A9E0	POA6F5	arac_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P77624	POA6F5	arcm_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P0A6C5	POA6F5	arga_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P27254	POA6F5	argk_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P77398	POA6F5	arna_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P76472	POA6F5	arnd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P07639	POA6F5	arob_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P00887	POA6F5	aroh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P23325	POA6F5	arpa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P0AAF6	POA6F5	artp_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P24240	POA6F5	ascb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P0AE37	POA6F5	asta_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P76216	POA6F5	astb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	*	P77581	POA6F5	astc_ecoli	ch60_ecoli

POA6F5	CH60_ECOLI	* P76215	POA6F5	aste_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76458	POA6F5	atod_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P17444	POA6F5	beta_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P11988	POA6F5	bglb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P12995	POA6F5	bioa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P12999	POA6F5	bioc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P13000	POA6F5	biod_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P12998	POA6F5	biof_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P13001	POA6F5	bioh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P06611	POA6F5	btud_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P06610	POA6F5	btue_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77213	POA6F5	caal_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31551	POA6F5	caid_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P61517	POA6F5	can_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P00968	POA6F5	carb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P21179	POA6F5	cate_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P36659	POA6F5	cbpa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37794	POA6F5	chbg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P17410	POA6F5	chbr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P07364	POA6F5	cher_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76213	POA6F5	cho_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76213	POA6F5	cho_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ABH7	POA6F5	cisy_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77390	POA6F5	citc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A6G5	POA6F5	citx_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A6G7	POA6F5	clpp_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A6G7	POA6F5	clpp_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A6G7	POA6F5	clpp_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A6I3	POA6F5	coaa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P52086	POA6F5	cobc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P36562	POA6F5	cobt_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P46891	POA6F5	cof_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q59385	POA6F5	copa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46925	POA6F5	csda_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ACZ8	POA6F5	cusr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ABJ1	POA6F5	cyoa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P16676	POA6F5	cysa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P21156	POA6F5	cysd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P17854	POA6F5	cysh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AED7	POA6F5	dape_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P21693	POA6F5	dbpa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P69908	POA6F5	dcea_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P69910	POA6F5	dceb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P52095	POA6F5	dclz_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AED9	POA6F5	dcm_ecoli	ch60_ecoli

POA6F5	CH60_ECOLI	* P37195	POA6F5	dctr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ACV2	POA6F5	ddg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77268	POA6F5	ddpd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77622	POA6F5	ddpf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31459	POA6F5	dgok_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P15723	POA6F5	dgtp_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P15877	POA6F5	dhg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P07014	POA6F5	dhsb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77359	POA6F5	djlc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P06149	POA6F5	dld_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AEE8	POA6F5	dma_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76251	POA6F5	dmla_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76250	POA6F5	dmlr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P03004	POA6F5	dnaa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77510	POA6F5	dpib_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37313	POA6F5	dppf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P46068	POA6F5	dsdc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ABT5	POA6F5	dusb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33371	POA6F5	dusc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P45568	POA6F5	dxr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AC73	POA6F5	ebgc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ADI4	POA6F5	entb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AEJ2	POA6F5	entc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P11454	POA6F5	entf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P10805	POA6F5	envy_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AEJ6	POA6F5	eutb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76553	POA6F5	eutg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P36547	POA6F5	eutr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76503	POA6F5	fadi_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37009	POA6F5	fbpc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P32055	POA6F5	fcl_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P32177	POA6F5	fdhd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P07658	POA6F5	fdhf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAJ3	POA6F5	fdnh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q47129	POA6F5	fear_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P15031	POA6F5	fece_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P23485	POA6F5	fecr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AEL6	POA6F5	fepb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P23878	POA6F5	fepc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P13039	POA6F5	fes_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P19323	POA6F5	fhla_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P30130	POA6F5	fimd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31574	POA6F5	fixb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P68644	POA6F5	fixc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31068	POA6F5	flih_ecoli	ch60_ecoli

POA6F5	CH60_ECOLI	* P52612	POA6F5	flii_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P06974	POA6F5	flim_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* POAEM9	POA6F5	fliy_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P52627	POA6F5	fliz_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P24186	POA6F5	fold_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P45543	POA6F5	frld_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P04335	POA6F5	frsa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ACP1	POA6F5	frur_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P32152	POA6F5	frvr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9R7	POA6F5	ftse_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9R7	POA6F5	ftse_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9R7	POA6F5	ftse_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P11553	POA6F5	fuck_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P25526	POA6F5	gabd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P63201	POA6F5	gadw_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37639	POA6F5	gadx_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAB6	POA6F5	galf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P25748	POA6F5	gals_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9S3	POA6F5	gatd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P36930	POA6F5	gatr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0C8J8	POA6F5	gatz_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AEP7	POA6F5	gcl_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P05852	POA6F5	gcp_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9F6	POA6F5	gcva_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ACL5	POA6F5	glcc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37747	POA6F5	glf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A6U8	POA6F5	glga_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P07762	POA6F5	glgb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P15067	POA6F5	glgx_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P27249	POA6F5	glnd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9C0	POA6F5	glpa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A996	POA6F5	glpc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P13035	POA6F5	glpd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31450	POA6F5	glvg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77334	POA6F5	gmr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P45756	POA6F5	gspa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AES2	POA6F5	gudh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46915	POA6F5	gudx_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0CI31	POA6F5	hcab_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77650	POA6F5	hcad_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ABR5	POA6F5	hcae_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q47141	POA6F5	hcar_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AET8	POA6F5	hdha_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P15038	POA6F5	held_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P15038	POA6F5	held_ecoli	ch60_ecoli

POA6F5	CH60_ECOLI	* P0ACB4	POA6F5	hemg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P07109	POA6F5	hisp_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P67910	POA6F5	hldd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P24232	POA6F5	hmp_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P51020	POA6F5	hoa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P36645	POA6F5	hofb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P28630	POA6F5	hola_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P26281	POA6F5	hppk_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ACV0	POA6F5	htrb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33129	POA6F5	htre_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAJ8	POA6F5	hyba_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAN1	POA6F5	hybe_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P16431	POA6F5	hyce_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P16433	POA6F5	hycg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAK4	POA6F5	hydn_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77329	POA6F5	hyfg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77329	POA6F5	hyfg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77329	POA6F5	hyfg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P71229	POA6F5	hyfr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P24192	POA6F5	hypd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P24192	POA6F5	hypd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AEW4	POA6F5	icc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A8S1	POA6F5	icia_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39343	POA6F5	idnr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P27294	POA6F5	inaa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39347	POA6F5	intb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76168	POA6F5	intq_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A7A9	POA6F5	ipyrr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P62623	POA6F5	isph_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AB77	POA6F5	kbl_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A715	POA6F5	kdsa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A715	POA6F5	kdsa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46938	POA6F5	kdui_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A754	POA6F5	keff_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A756	POA6F5	kefg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P00547	POA6F5	khse_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P38393	POA6F5	kil_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AEX5	POA6F5	kppr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A717	POA6F5	kprs_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P69451	POA6F5	lcfa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76008	POA6F5	ldca_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9H3	POA6F5	ldci_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P10151	POA6F5	leuo_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A8P1	POA6F5	lftr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AC81	POA6F5	lgul_ecoli	ch60_ecoli

POA6F5	CH60_ECOLI	* P60716	POA6F5	lipa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P22731	POA6F5	livf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9S7	POA6F5	livg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33232	POA6F5	lidd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P10441	POA6F5	lpxb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A725	POA6F5	lpxc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P43341	POA6F5	lpxh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77257	POA6F5	lsra_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76143	POA6F5	lsrf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77432	POA6F5	lsrk_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76141	POA6F5	lsrr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P23917	POA6F5	mak_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P18811	POA6F5	mali_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P06993	POA6F5	malt_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P21517	POA6F5	malz_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77188	POA6F5	matc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AEY3	POA6F5	mazg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AEY5	POA6F5	mdab_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ACH8	POA6F5	melr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P38051	POA6F5	menf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P07623	POA6F5	meta_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P06721	POA6F5	metc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AEZ1	POA6F5	metf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A817	POA6F5	metk_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAG8	POA6F5	mgla_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ABR9	POA6F5	mhpbc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77044	POA6F5	mhpc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P16384	POA6F5	miaa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AEI1	POA6F5	miab_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76506	POA6F5	mlaa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P63386	POA6F5	mlaf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P63386	POA6F5	mlaf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P63386	POA6F5	mlaf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33358	POA6F5	mlra_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P54746	POA6F5	mngb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P30745	POA6F5	moaa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P30745	POA6F5	moaa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P30745	POA6F5	moaa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P09833	POA6F5	modc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31060	POA6F5	modf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33345	POA6F5	molr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ACV6	POA6F5	mpaa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46865	POA6F5	mqsr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P22186	POA6F5	mrz_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9X4	POA6F5	mreb_ecoli	ch60_ecoli

POA6F5	CH60_ECOLI	* P0A9X4	POA6F5	mreb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P24205	POA6F5	msbb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9H1	POA6F5	mug_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P17802	POA6F5	muty_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A752	POA6F5	nadd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AF20	POA6F5	nagc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AF24	POA6F5	nagd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9I5	POA6F5	napd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P27896	POA6F5	narq_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P19319	POA6F5	narz_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P68739	POA6F5	nfi_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31600	POA6F5	nfra_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9G2	POA6F5	nhar_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77567	POA6F5	nhoa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33593	POA6F5	nikd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33594	POA6F5	nike_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9N8	POA6F5	nrdg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAK7	POA6F5	nrfc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P43337	POA6F5	nudl_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31979	POA6F5	nuof_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AFH0	POA6F5	ogt_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76773	POA6F5	ompl_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77737	POA6F5	oppf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76086	POA6F5	paax_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P00903	POA6F5	paba_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9J4	POA6F5	pane_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76577	POA6F5	pbpc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ACL9	POA6F5	pdhr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q57083	POA6F5	perr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P32675	POA6F5	pflc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P16677	POA6F5	phnc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P16679	POA6F5	phnl_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P16690	POA6F5	phnn_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P45548	POA6F5	php_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P00914	POA6F5	phr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46806	POA6F5	phyda_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A7A7	POA6F5	plsb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AFK0	POA6F5	pmba_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P18133	POA6F5	pncb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P69874	POA6F5	pota_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A7B1	POA6F5	ppk_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A7B3	POA6F5	ppnk_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31992	POA6F5	ppta_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77541	POA6F5	prpb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77243	POA6F5	prpd_ecoli	ch60_ecoli

POA6F5	CH60_ECOLI	* P77495	POA6F5	prpe_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77743	POA6F5	prpr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAH0	POA6F5	pstb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAH0	POA6F5	pstb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAH0	POA6F5	pstb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33025	POA6F5	psug_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P30235	POA6F5	psuk_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A7D1	POA6F5	pth_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P69826	POA6F5	ptmcb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P24555	POA6F5	ptrb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37051	POA6F5	puru_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P09546	POA6F5	puta_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37906	POA6F5	puub_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A7E1	POA6F5	pyrd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A7E9	POA6F5	pyrh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P24554	POA6F5	rada_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ACQ0	POA6F5	rbsr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P69405	POA6F5	rcsa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0C0K3	POA6F5	rdoa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A7H0	POA6F5	recf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A7H0	POA6F5	recf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A7H0	POA6F5	recf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37692	POA6F5	rfaf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P25740	POA6F5	rfag_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P27128	POA6F5	rfai_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P27129	POA6F5	rfaj_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P25741	POA6F5	rfap_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P25742	POA6F5	rfaq_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P27240	POA6F5	rfay_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P27241	POA6F5	rfaz_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P27833	POA6F5	rffa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P32171	POA6F5	rhab_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P09378	POA6F5	rhar_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P09377	POA6F5	rhas_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77215	POA6F5	rhmd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77732	POA6F5	rhmr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P16918	POA6F5	rhsc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P16919	POA6F5	rhsd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P24211	POA6F5	rhse_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P24211	POA6F5	rhse_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P25539	POA6F5	ribd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P25539	POA6F5	ribd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AG40	POA6F5	ribf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A948	POA6F5	rimj_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P45748	POA6F5	rimn_ecoli	ch60_ecoli

POA6F5	CH60_ECOLI	* P36999	POA6F5	rlma_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0C0R7	POA6F5	rlme_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A8I8	POA6F5	rlmh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ADR6	POA6F5	rlmm_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P36979	POA6F5	rlmn_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33643	POA6F5	rlud_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37745	POA6F5	rmlc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37745	POA6F5	rmlc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37760	POA6F5	rml_d_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P09155	POA6F5	rnd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ACS7	POA6F5	rpir_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A776	POA6F5	rpph_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39286	POA6F5	rsga_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P06992	POA6F5	rsma_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P38104	POA6F5	rspa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P52108	POA6F5	rsta_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P46850	POA6F5	rtcb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P38035	POA6F5	rtcr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75817	POA6F5	rumb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A812	POA6F5	ruvb_ecoli	ch60_ecoli
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POA6F5	CH60_ECOLI	* P0A814	POA6F5	ruvc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAH4	POA6F5	sapd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P07026	POA6F5	sdia_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33667	POA6F5	selu_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P23721	POA6F5	serc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37678	POA6F5	sgbh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39362	POA6F5	sgce_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39364	POA6F5	sgcq_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39361	POA6F5	sgcr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33595	POA6F5	sgrr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P36566	POA6F5	smta_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P09158	POA6F5	spee_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P08395	POA6F5	sppa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AFV4	POA6F5	spr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P05707	POA6F5	srl_d_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46812	POA6F5	ssna_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ACA3	POA6F5	sspa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAI1	POA6F5	ssub_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P80644	POA6F5	ssue_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76041	POA6F5	sucp_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77499	POA6F5	sufc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P26648	POA6F5	sufi_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77444	POA6F5	sufs_ecoli	ch60_ecoli

POA6F5	CH60_ECOLI	* P07813	POA6F5	syl_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P16659	POA6F5	syp_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A8L1	POA6F5	sys_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P68398	POA6F5	tada_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9T4	POA6F5	tas_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q47538	POA6F5	taub_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ACQ7	POA6F5	tdca_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P07913	POA6F5	tdh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P25397	POA6F5	tehb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A847	POA6F5	tgt_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31550	POA6F5	thib_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76422	POA6F5	thid_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P30137	POA6F5	thie_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P30138	POA6F5	thif_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P30140	POA6F5	thih_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75948	POA6F5	thik_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AGG0	POA6F5	thil_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76423	POA6F5	thim_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31548	POA6F5	thiq_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33225	POA6F5	tora_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P46923	POA6F5	torz_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P62601	POA6F5	tref_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AGI8	POA6F5	trka_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A8I5	POA6F5	trmb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P00909	POA6F5	trpc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P00895	POA6F5	trpe_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76055	POA6F5	ttca_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AC35	POA6F5	ttdb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P45463	POA6F5	ttdr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P16525	POA6F5	tus_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P04693	POA6F5	tyrb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A6A0	POA6F5	ubib_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75728	POA6F5	ubif_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P17993	POA6F5	ubig_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P25534	POA6F5	ubih_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AG03	POA6F5	ubix_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76373	POA6F5	udg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39305	POA6F5	ulae_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9W0	POA6F5	ular_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9W0	POA6F5	ular_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9W0	POA6F5	ular_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P12295	POA6F5	ung_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39177	POA6F5	uspg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39177	POA6F5	uspg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39177	POA6F5	uspg_ecoli	ch60_ecoli

POA6F5	CH60_ECOLI	* P0A8G3	POA6F5	uxac_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P27242	POA6F5	waau_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37750	POA6F5	wbbj_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77414	POA6F5	wcaa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P71237	POA6F5	wcac_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P71244	POA6F5	wcam_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P45563	POA6F5	xapa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P23841	POA6F5	xapr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31434	POA6F5	xyls_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A8I3	POA6F5	yaaa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P36879	POA6F5	yadg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P28634	POA6F5	yaeb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AA97	POA6F5	yaeq_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P52096	POA6F5	yaer_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q47147	POA6F5	yafj_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q47151	POA6F5	yafI_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q47152	POA6F5	yafm_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q47158	POA6F5	yafp_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77206	POA6F5	yafz_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37007	POA6F5	yaga_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37008	POA6F5	yagb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75682	POA6F5	yage_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77657	POA6F5	yagk_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P71296	POA6F5	yagm_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75684	POA6F5	yagp_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77183	POA6F5	yagq_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77324	POA6F5	yags_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77165	POA6F5	yagt_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77694	POA6F5	yagw_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77700	POA6F5	yahb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77297	POA6F5	yahe_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77221	POA6F5	yahg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77393	POA6F5	yahl_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAP5	POA6F5	yaiv_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAQ2	POA6F5	yajd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77735	POA6F5	yajo_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77301	POA6F5	ybap_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33668	POA6F5	ybbc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77279	POA6F5	ybbI_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77279	POA6F5	ybbI_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AFP4	POA6F5	ybbo_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37325	POA6F5	ybch_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77634	POA6F5	ybcm_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAT4	POA6F5	ybdg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P45579	POA6F5	ybdh_ecoli	ch60_ecoli

POA6F5	CH60_ECOLI	* P77806	POA6F5	ybdl_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77216	POA6F5	ybdn_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77746	POA6F5	ybdo_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77316	POA6F5	ybdr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P30979	POA6F5	ybef_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAT9	POA6F5	ybel_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77627	POA6F5	yber_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75736	POA6F5	ybff_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75741	POA6F5	ybfl_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77779	POA6F5	ybfo_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P24252	POA6F5	ybga_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAV4	POA6F5	ybgj_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75745	POA6F5	ybgk_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75746	POA6F5	ybgl_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75749	POA6F5	ybgp_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P21829	POA6F5	ybha_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P12994	POA6F5	ybhb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75767	POA6F5	ybhk_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AA84	POA6F5	ybho_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAW1	POA6F5	ybhp_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75785	POA6F5	ybip_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75791	POA6F5	ybiu_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75829	POA6F5	ybjx_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75843	POA6F5	ycaq_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AB03	POA6F5	ycbj_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AB06	POA6F5	ycbk_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31545	POA6F5	ycdb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P24188	POA6F5	ycea_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AFQ7	POA6F5	ycfh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P29013	POA6F5	ycgb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75990	POA6F5	ycgf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76010	POA6F5	ycgr_ecoli	ch60_ecoli
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POA6F5	CH60_ECOLI	* P37052	POA6F5	ychj_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39165	POA6F5	ycho_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76034	POA6F5	ycit_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77503	POA6F5	ycjs_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76046	POA6F5	ycjx_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77546	POA6F5	ydav_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76104	POA6F5	ydcg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77730	POA6F5	ydcr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76108	POA6F5	ydcu_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76121	POA6F5	yddh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31129	POA6F5	ydeh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76134	POA6F5	ydem_ecoli	ch60_ecoli

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POA6F5	CH60_ECOLI	* P39831	POA6F5	ydfg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ACM2	POA6F5	ydfh_ecoli	ch60_ecoli
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POA6F5	CH60_ECOLI	* P0A8A4	POA6F5	ydia_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37766	POA6F5	ydif_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77649	POA6F5	ydiu_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76204	POA6F5	ydiv_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77256	POA6F5	ydjg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77280	POA6F5	ydjg_ecoli	ch60_ecoli
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POA6F5	CH60_ECOLI	* P64483	POA6F5	ydae_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76241	POA6F5	yeak_ecoli	ch60_ecoli
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POA6F5	CH60_ECOLI	* P37774	POA6F5	yebr_ecoli	ch60_ecoli
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POA6F5	CH60_ECOLI	* P37751	POA6F5	yefg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76396	POA6F5	yefi_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33353	POA6F5	yegl_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33360	POA6F5	yehq_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33020	POA6F5	yehx_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33913	POA6F5	yeii_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33919	POA6F5	yaja_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P17994	POA6F5	yajh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76463	POA6F5	yafa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A959	POA6F5	yfaq_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77526	POA6F5	yfbq_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77775	POA6F5	yfcg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77768	POA6F5	yfch_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76514	POA6F5	yfci_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77434	POA6F5	yfdr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76538	POA6F5	yfdz_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77538	POA6F5	yfez_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33644	POA6F5	yfhr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76594	POA6F5	yfih_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P52126	POA6F5	yfiq_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P52129	POA6F5	yfjk_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P52132	POA6F5	yfjn_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P52133	POA6F5	yfjq_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P52139	POA6F5	yfjr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P52139	POA6F5	yfjx_ecoli	ch60_ecoli

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POA6F5	CH60_ECOLI	* P37339	POA6F5	ygaf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P55734	POA6F5	ygap_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46890	POA6F5	ygbl_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46891	POA6F5	ygbm_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46896	POA6F5	ygbt_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P38036	POA6F5	ygcb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46897	POA6F5	ygch_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76632	POA6F5	ygck_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46901	POA6F5	ygcl_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46904	POA6F5	ygcn_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46905	POA6F5	ygo_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ADR8	POA6F5	ygdh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P03813	POA6F5	ygea_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76639	POA6F5	ygeh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46802	POA6F5	ygev_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AC28	POA6F5	ygfa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AC28	POA6F5	ygfa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P52043	POA6F5	yghf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46810	POA6F5	ygfj_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P52052	POA6F5	yggr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P52062	POA6F5	yggw_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P64572	POA6F5	yghr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46844	POA6F5	yght_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* Q46851	POA6F5	yghz_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P24197	POA6F5	ygid_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P42599	POA6F5	ygjr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A894	POA6F5	yhbj_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P45527	POA6F5	yhbu_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P45527	POA6F5	yhbu_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P45527	POA6F5	yhbu_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ADV5	POA6F5	yhbw_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ADW6	POA6F5	yhcc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P64612	POA6F5	yhcm_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P45769	POA6F5	yhdz_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P45524	POA6F5	yhet_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37627	POA6F5	yhij_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37629	POA6F5	yhil_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37631	POA6F5	yhin_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37634	POA6F5	yhir_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37634	POA6F5	yhir_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37640	POA6F5	yhjb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37646	POA6F5	yhjh_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P37664	POA6F5	yiac_ecoli	ch60_ecoli

POA6F5	CH60_ECOLI	* P11290	POA6F5	yibd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A8Y5	POA6F5	yida_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31443	POA6F5	yidf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31449	POA6F5	yidl_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31453	POA6F5	yidp_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P31463	POA6F5	yidz_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ADM8	POA6F5	yiee_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P23305	POA6F5	yiga_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P32139	POA6F5	yihr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A8N7	POA6F5	yjea_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AF67	POA6F5	yjee_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39280	POA6F5	yjek_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39308	POA6F5	yjfb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39351	POA6F5	yjgz_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39360	POA6F5	yjhi_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39367	POA6F5	yjhp_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39369	POA6F5	yjhr_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39374	POA6F5	yjic_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39376	POA6F5	yjie_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39389	POA6F5	yjir_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39410	POA6F5	yjjj_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P39407	POA6F5	yjju_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75675	POA6F5	ykfj_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77379	POA6F5	ykgd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77536	POA6F5	ykgf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75713	POA6F5	ylba_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77129	POA6F5	ylbe_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AAS5	POA6F5	ylbf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P75967	POA6F5	ymfd_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77658	POA6F5	ynaa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76092	POA6F5	ynbc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76117	POA6F5	yncg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77309	POA6F5	ynej_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77739	POA6F5	ynia_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76222	POA6F5	ynja_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76257	POA6F5	yoaa_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76280	POA6F5	yobb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P33941	POA6F5	yoji_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0AE39	POA6F5	ypdb_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77396	POA6F5	ypdc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76524	POA6F5	ypdf_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P76562	POA6F5	ypfi_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77509	POA6F5	yphe_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P77475	POA6F5	yqab_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ADU7	POA6F5	yqib_ecoli	ch60_ecoli

POA6F5	CH60_ECOLI	* P42620	POA6F5	yqjg_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0ADE4	POA6F5	ytfm_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9X1	POA6F5	znuc_ecoli	ch60_ecoli
POA6F5	CH60_ECOLI	* P0A9X1	POA6F5	znuc_ecoli	ch60_ecoli
P17411	CHBF_ECOLI	* P0AC38	P17411	aspa_ecoli	chbf_ecoli
P17411	CHBF_ECOLI	* P0AEK2	P17411	fabg_ecoli	chbf_ecoli
P17411	CHBF_ECOLI	* P12282	P17411	moeb_ecoli	chbf_ecoli
P17411	CHBF_ECOLI	* P77657	P17411	yagk_ecoli	chbf_ecoli
POABH7	CISY_ECOLI	* P36995	POABH7	cspb_ecoli	cisy_ecoli
POABH7	CISY_ECOLI	* P0A8E5	POABH7	yacl_ecoli	cisy_ecoli
POABH7	CISY_ECOLI	* P76097	POABH7	ydcj_ecoli	cisy_ecoli
POABH7	CISY_ECOLI	* P0A6G3	POABH7	ygad_ecoli	cisy_ecoli
P77390	CITC_ECOLI	none			
POABH9	CLPA_ECOLI	* P36659	POABH9	cbpa_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P0A6G7	POABH9	clpp_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P0A8Q6	POABH9	clps_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P0A8Q6	POABH9	clps_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P0A6H1	POABH9	clpx_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P52095	POABH9	dclz_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P08622	POABH9	dnaj_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P77488	POABH9	dxs_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P0A6Q6	POABH9	fabz_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P61949	POABH9	flav_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P0AES4	POABH9	gyra_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P28905	POABH9	holc_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P77319	POABH9	hscC_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P0C054	POABH9	ibpa_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P0C054	POABH9	ibpa_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P0A7E9	POABH9	pyrh_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P60723	POABH9	rl4_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P0C0R7	POABH9	rlme_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P36979	POABH9	rlmn_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P0A7Y8	POABH9	rnpa_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P0A8V2	POABH9	rpob_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P0AGD7	POABH9	srp54_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P0AFZ3	POABH9	sspb_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P0A832	POABH9	ssrp_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P0A6A0	POABH9	ubib_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P03018	POABH9	uvrd_ecoli	clpa_ecoli
POABH9	CLPA_ECOLI	* P39285	POABH9	yjep_ecoli	clpa_ecoli

P63284	CLPB_ECOLI	* P77731	P63284	alla_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P37617	P63284	atzn_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P36659	P63284	cbpa_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P0A6F5	P63284	ch60_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P0A8Q6	P63284	clps_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P0A6H1	P63284	clpx_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P06968	P63284	dut_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P37147	P63284	fxsa_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P23524	P63284	glxk2_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P09372	P63284	grpe_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P0A6L9	P63284	hscb_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P0C054	P63284	ibpa_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P39347	P63284	intb_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P24175	P63284	manb_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P0A9X4	P63284	mreb_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P24205	P63284	msbb_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P76577	P63284	pbpc_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* Q46920	P63284	quef_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P25741	P63284	rfap_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P27240	P63284	rfay_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P36979	P63284	rlmn_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P0AGB3	P63284	rp32_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P0A8T7	P63284	rpoc_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P0A812	P63284	ruvb_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P0AGC7	P63284	smp_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P0AFZ3	P63284	sspb_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P0AG78	P63284	subi_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P0A8N5	P63284	syk2_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P0AAT4	P63284	ybdg_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P76121	P63284	yddh_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P45508	P63284	yfal_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P11290	P63284	yibd_ecoli	clpb_ecoli
P63284	CLPB_ECOLI	* P77536	P63284	ykgf_ecoli	clpb_ecoli
Q05433	CLPE_ECOLX	none			
P76290	CMOA_ECOLI	* P13024	P76290	fdhe_ecoli	cmoa_ecoli
P76290	CMOA_ECOLI	* P0ACY1	P76290	ydja_ecoli	cmoa_ecoli
P08331	CPDB_ECOLI	* P17443	P08331	murg_ecoli	cpdb_ecoli
P08331	CPDB_ECOLI	* P0AAR3	P08331	ybak_ecoli	cpdb_ecoli
P0ACJ8	CRP_ECOLI	* A8A6G7	P0ACJ8	oxaa_ecohs	crp_ecoli
P0ACJ8	CRP_ECOLI	* P69407	P0ACJ8	rccb_ecoli	crp_ecoli
P0ACJ8	CRP_ECOLI	* P0A6A0	P0ACJ8	ubib_ecoli	crp_ecoli

P0ACJ8	CRP_ECOLI	* P0A8E5	P0ACJ8	yacl_ecoli	crp_ecoli
P62604	CSCR_ECOLX	none			
P0A9Y6	CSPC_ECOLI	* P0A968	P0A9Y6	cspd_ecoli	cspc_ecoli
P0A9Y6	CSPC_ECOLI	* P0A968	P0A9Y6	cspd_ecoli	cspc_ecoli
P0A9Y6	CSPC_ECOLI	* P0A9P6	P0A9Y6	dead_ecoli	cspc_ecoli
P0A9Y6	CSPC_ECOLI	* P03007	P0A9Y6	dpo3e_ecoli	cspc_ecoli
P0A9Y6	CSPC_ECOLI	* P0A6X3	P0A9Y6	hfq_ecoli	cspc_ecoli
P0A9Y6	CSPC_ECOLI	* P0A7Z4	P0A9Y6	rpoa_ecoli	cspc_ecoli
P0A9Y6	CSPC_ECOLI	* P0A8N5	P0A9Y6	syk2_ecoli	cspc_ecoli
P0A9Y6	CSPC_ECOLI	* P0A8G0	P0A9Y6	uvrc_ecoli	cspc_ecoli
P0A9Y6	CSPC_ECOLI	* P0A894	P0A9Y6	yhbj_ecoli	cspc_ecoli
P0A968	CSPD_ECOLI	* P77624	P0A968	arcm_ecoli	cspd_ecoli
P0A968	CSPD_ECOLI	* P0A9Y6	P0A968	cspd_ecoli	cspd_ecoli
P69913	CSRA_ECOLI	* P0AC69	P69913	glrx4_ecoli	csra_ecoli
P69913	CSRA_ECOLI	* P15038	P69913	held_ecoli	csra_ecoli
P69913	CSRA_ECOLI	* P0A6X3	P69913	hfq_ecoli	csra_ecoli
P0ABJ9	CYDA_ECOLI	* P26459	P0ABJ9	appc_ecoli	cyda_ecoli
P00816	CYNS_ECOLI	none			
P0A9F3	CYSB_ECOLI	* P0AE52	P0A9F3	bcp_ecoli	cysb_ecoli
P0A9F3	CYSB_ECOLI	* P0A8V2	P0A9F3	rpob_ecoli	cysb_ecoli
P0A9F3	CYSB_ECOLI	* P0A862	P0A9F3	tpx_ecoli	cysb_ecoli
P0AEA8	CYSG_ECOLI	none			
P17854	CYSH_ECOLI	* P18776	P17854	dmsb_ecoli	cysh_ecoli
P17854	CYSH_ECOLI	* P10442	P17854	rnh2_ecoli	cysh_ecoli
P17854	CYSH_ECOLI	* Q46896	P17854	ygbt_ecoli	cysh_ecoli
P38038	CYSJ_ECOLI	* P28631	P38038	holb_ecoli	cysj_ecoli
P38038	CYSJ_ECOLI	* P75863	P38038	ycbx_ecoli	cysj_ecoli
P38038	CYSJ_ECOLI	* P75863	P38038	ycbx_ecoli	cysj_ecoli
P0ABK5	CYSK_ECOLI	* P16676	P0ABK5	cysa_ecoli	cysk_ecoli
P0ABK5	CYSK_ECOLI	* P0A9D4	P0ABK5	cyse_ecoli	cysk_ecoli
P0ABK5	CYSK_ECOLI	* P0ACS7	P0ABK5	rpir_ecoli	cysk_ecoli
P0ABK5	CYSK_ECOLI	* P77499	P0ABK5	sufc_ecoli	cysk_ecoli
P0ABK5	CYSK_ECOLI	* P0A8N5	P0ABK5	syk2_ecoli	cysk_ecoli

P16700	CYSP_ECOLI	* P0A6D0	P16700	argr_ecoli	cysp_ecoli
P16700	CYSP_ECOLI	* Q9F557	P16700	q9f557_ecolx	cysp_ecoli
P16700	CYSP_ECOLI	* P26648	P16700	sufi_ecoli	cysp_ecoli
P22255	CYSQ_ECOLI	* P0AC69	P22255	glrx4_ecoli	cysq_ecoli
P22255	CYSQ_ECOLI	* P76078	P22255	paab_ecoli	cysq_ecoli
P22255	CYSQ_ECOLI	* P0A7L8	P22255	rl27_ecoli	cysq_ecoli
P22255	CYSQ_ECOLI	* P0A8T7	P22255	rpoc_ecoli	cysq_ecoli
P22255	CYSQ_ECOLI	* Q57261	P22255	trud_ecoli	cysq_ecoli
P22255	CYSQ_ECOLI	* P45465	P22255	yrans_ecoli	cysq_ecoli
P0AEB2	DACA_ECOLI	* P0A964	P0AEB2	chew_ecoli	daca_ecoli
P0AEB2	DACA_ECOLI	* P0A9H9	P0AEB2	chez_ecoli	daca_ecoli
P0AEB2	DACA_ECOLI	* P77808	P0AEB2	cinal_ecoli	daca_ecoli
P0AEB2	DACA_ECOLI	* P0A9P6	P0AEB2	dead_ecoli	daca_ecoli
P0AEB2	DACA_ECOLI	* P0A707	P0AEB2	if3_ecoli	daca_ecoli
P0AEB2	DACA_ECOLI	* P0A8J8	P0AEB2	rh1b_ecoli	daca_ecoli
P0AEB2	DACA_ECOLI	* P52645	P0AEB2	ydbh_ecoli	daca_ecoli
P0AEB2	DACA_ECOLI	* P0AGJ5	P0AEB2	yfif_ecoli	daca_ecoli
P08506	DACC_ECOLI	* P43341	P08506	lpxh_ecoli	dacc_ecoli
P0A6J5	DADA_ECOLI	* P0ABB0	P0A6J5	atpa_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P0ABB0	P0A6J5	atpa_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P0A964	P0A6J5	chew_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P0A9H9	P0A6J5	chez_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P0ABJ1	P0A6J5	cyoa_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P0AEL6	P0A6J5	fepb_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P23878	P0A6J5	fepc_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P23871	P0A6J5	hemh_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P0A7A9	P0A6J5	ipyrc_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P10441	P0A6J5	lpxb_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P43341	P0A6J5	lpxh_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P30748	P0A6J5	moad_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P17443	P0A6J5	murg_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P31678	P0A6J5	otsb_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P23869	P0A6J5	ppib_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P24173	P0A6J5	rfac_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P0A850	P0A6J5	tig_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P39177	P0A6J5	uspg_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P0AFP4	P0A6J5	ybb0_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P0AD05	P0A6J5	yeca_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P0A8A2	P0A6J5	yeen_ecoli	dada_ecoli
P0A6J5	DADA_ECOLI	* P09996	P0A6J5	yidb_ecoli	dada_ecoli

POA6L2	DAPA_ECOLI	* P32177	POA6L2	fdhd_ecoli	dapa_ecoli
P04036	DAPB_ECOLI	* P0AEX5	P04036	kppr_ecoli	dapb_ecoli
POA9D8	DAPD_ECOLI	* P0AA25	POA9D8	thio_ecoli	dapd_ecoli
POA9D8	DAPD_ECOLI	* P0AA25	POA9D8	thio_ecoli	dapd_ecoli
POA9D8	DAPD_ECOLI	* P21514	POA9D8	yaha_ecoli	dapd_ecoli
POA9D8	DAPD_ECOLI	* P76407	POA9D8	yegs_ecoli	dapd_ecoli
POAED7	DAPE_ECOLI	* Q46925	POAED7	csda_ecoli	dape_ecoli
POAED7	DAPE_ECOLI	* P09127	POAED7	hemx_ecoli	dape_ecoli
POA6K1	DAPF_ECOLI	* P36979	POA6K1	rlmn_ecoli	dapf_ecoli
POA6K1	DAPF_ECOLI	* P0A776	POA6K1	rpph_ecoli	dapf_ecoli
POA6K1	DAPF_ECOLI	* P0A776	POA6K1	rpph_ecoli	dapf_ecoli
POACF0	DBHA_ECOLI	* P0ACN4	POACF0	allr_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P0A9X9	POACF0	cspa_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P0A9Y6	POACF0	cspc_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P0A9Y6	POACF0	cspc_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P0A968	POACF0	cspd_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P0A972	POACF0	cspe_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P0ACF4	POACF0	dbhb_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P0A9P6	POACF0	dead_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P00582	POACF0	dpo1_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P33371	POACF0	dusc_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P0A6Q3	POACF0	faba_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P0A6R3	POACF0	fis_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P0A6X3	POACF0	hfq_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P0A6X3	POACF0	hfq_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P0ACF8	POACF0	hns_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P0A6Y1	POACF0	ihfb_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P32053	POACF0	inta_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P0A715	POACF0	kdsa_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P25522	POACF0	mnme_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P17443	POACF0	murg_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P68739	POACF0	nfi_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P0A9K3	POACF0	phol_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P00490	POACF0	phsm_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P05055	POACF0	pnp_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P0A7E9	POACF0	pyrh_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P69405	POACF0	rcsa_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P07012	POACF0	rf2_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P25539	POACF0	ribd_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	* P36979	POACF0	rlmn_ecoli	dbha_ecoli

POACF0	DBHA_ECOLI	*	P37765	POACF0	rlub_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0AA39	POACF0	rluc_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0A7Y4	POACF0	rnh_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0A7Y8	POACF0	rnpa_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P21499	POACF0	rnrc_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0A7Z4	POACF0	rpoa_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0A8V2	POACF0	rpob_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0A8V2	POACF0	rpob_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0A8T7	POACF0	rpoc_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0A776	POACF0	rpph_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0A9K9	POACF0	slyd_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0AG24	POACF0	spot_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P15082	POACF0	srlr_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P28043	POACF0	ssb2_ecolx	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0A832	POACF0	ssrp_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P19705	POACF0	t1se_ecolx	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0A847	POACF0	tgt_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P06612	POACF0	top1_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P14294	POACF0	top3_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0A8F8	POACF0	uvrb_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0A8G0	POACF0	uvrc_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P03018	POACF0	uvrd_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0AFP2	POACF0	ybaz_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0AAS7	POACF0	ybcj_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P75829	POACF0	ybjx_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0AGJ5	POACF0	yfif_ecoli	dbha_ecoli
POACF0	DBHA_ECOLI	*	P0AF59	POACF0	yjdi_ecoli	dbha_ecoli
POACF4	DBHB_ECOLI	*	P0A6A8	POACF4	acp_ecoli	dbhb_ecoli
POACF4	DBHB_ECOLI	*	P0A9X9	POACF4	cspa_ecoli	dbhb_ecoli
POACF4	DBHB_ECOLI	*	P0A9Y6	POACF4	cspc_ecoli	dbhb_ecoli
POACF4	DBHB_ECOLI	*	P0ACF0	POACF4	dbha_ecoli	dbhb_ecoli
POACF4	DBHB_ECOLI	*	P0A9P6	POACF4	dead_ecoli	dbhb_ecoli
POACF4	DBHB_ECOLI	*	P00582	POACF4	dpo1_ecoli	dbhb_ecoli
POACF4	DBHB_ECOLI	*	P50465	POACF4	end8_ecoli	dbhb_ecoli
POACF4	DBHB_ECOLI	*	P0A6X3	POACF4	hfq_ecoli	dbhb_ecoli
POACF4	DBHB_ECOLI	*	P0A707	POACF4	if3_ecoli	dbhb_ecoli
POACF4	DBHB_ECOLI	*	P0A6Y1	POACF4	ihfb_ecoli	dbhb_ecoli
POACF4	DBHB_ECOLI	*	P04951	POACF4	kdsb_ecoli	dbhb_ecoli
POACF4	DBHB_ECOLI	*	P68739	POACF4	nfi_ecoli	dbhb_ecoli
POACF4	DBHB_ECOLI	*	P0A7E9	POACF4	pyrh_ecoli	dbhb_ecoli
POACF4	DBHB_ECOLI	*	P07012	POACF4	rf2_ecoli	dbhb_ecoli
POACF4	DBHB_ECOLI	*	P0AA39	POACF4	rluc_ecoli	dbhb_ecoli
POACF4	DBHB_ECOLI	*	P0A9K9	POACF4	slyd_ecoli	dbhb_ecoli
POACF4	DBHB_ECOLI	*	P15082	POACF4	srlr_ecoli	dbhb_ecoli

P0ACF4	DBHB_ECOLI	* P0A832	P0ACF4	ssrp_ecoli	dbhb_ecoli
P0ACF4	DBHB_ECOLI	* P19705	P0ACF4	t1se_ecolx	dbhb_ecoli
P0ACF4	DBHB_ECOLI	* P0A847	P0ACF4	tgt_ecoli	dbhb_ecoli
P0ACF4	DBHB_ECOLI	* P0AA25	P0ACF4	thio_ecoli	dbhb_ecoli
P0ACF4	DBHB_ECOLI	* P06612	P0ACF4	top1_ecoli	dbhb_ecoli
P0ACF4	DBHB_ECOLI	* P0A9W0	P0ACF4	ular_ecoli	dbhb_ecoli
P0ACF4	DBHB_ECOLI	* P0A8F8	P0ACF4	uvrb_ecoli	dbhb_ecoli
P0ACF4	DBHB_ECOLI	* P03018	P0ACF4	uvrd_ecoli	dbhb_ecoli
P0ACF4	DBHB_ECOLI	* P0AAS7	P0ACF4	ybcj_ecoli	dbhb_ecoli
P0ACF4	DBHB_ECOLI	* P75829	P0ACF4	ybjx_ecoli	dbhb_ecoli
P0ACF4	DBHB_ECOLI	* P76594	P0ACF4	yfiq_ecoli	dbhb_ecoli
P0ACF4	DBHB_ECOLI	* P45465	P0ACF4	yran_ecoli	dbhb_ecoli
P69908	DCEA_ECOLI	* P69910	P69908	dceb_ecoli	dcea_ecoli
P69908	DCEA_ECOLI	* P69910	P69908	dceb_ecoli	dcea_ecoli
P69908	DCEA_ECOLI	* P0A6Y8	P69908	dnak_ecoli	dcea_ecoli
P69908	DCEA_ECOLI	* P09372	P69908	grpe_ecoli	dcea_ecoli
P69908	DCEA_ECOLI	* P0C054	P69908	ibpa_ecoli	dcea_ecoli
P69908	DCEA_ECOLI	* P0A8N5	P69908	syk2_ecoli	dcea_ecoli
P69908	DCEA_ECOLI	* P36682	P69908	yach_ecoli	dcea_ecoli
P69910	DCEB_ECOLI	* P69908	P69910	dcea_ecoli	dceb_ecoli
P69910	DCEB_ECOLI	* P69908	P69910	dcea_ecoli	dceb_ecoli
P69910	DCEB_ECOLI	* P69908	P69910	dcea_ecoli	dceb_ecoli
P69910	DCEB_ECOLI	* P0A6Y8	P69910	dnak_ecoli	dceb_ecoli
P69910	DCEB_ECOLI	* P09372	P69910	grpe_ecoli	dceb_ecoli
P69910	DCEB_ECOLI	* P15038	P69910	held_ecoli	dceb_ecoli
P69910	DCEB_ECOLI	* P0C058	P69910	ibpb_ecoli	dceb_ecoli
P69910	DCEB_ECOLI	* P0A8N5	P69910	syk2_ecoli	dceb_ecoli
P69910	DCEB_ECOLI	* P0ADQ2	P69910	yiiid_ecoli	dceb_ecoli
P69910	DCEB_ECOLI	* P0AF67	P69910	yjee_ecoli	dceb_ecoli
P0AED9	DCM_ECOLI	* P77231	P0AED9	citg_ecoli	dcm_ecoli
P0AED9	DCM_ECOLI	* P25522	P0AED9	mnme_ecoli	dcm_ecoli
P0AED9	DCM_ECOLI	* P06959	P0AED9	odp2_ecoli	dcm_ecoli
P24171	DCP_ECOLI	* P77432	P24171	lsrk_ecoli	dcp_ecoli
P0ABN9	DCUB_ECOLI	none			
P0AEC8	DCUS_ECOLI	none			
P0A6J8	DDLA_ECOLI	* P0A968	P0A6J8	cspd_ecoli	ddla_ecoli
P0A9P6	DEAD_ECOLI	* P0AE18	P0A9P6	ampm_ecoli	dead_ecoli

POA9P6	DEAD_ECOLI	* P36659	POA9P6	cbpa_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0A9X9	POA9P6	cspa_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0A9Y6	POA9P6	cspc_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0A9Y6	POA9P6	cspc_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0A968	POA9P6	cspd_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P08622	POA9P6	dnaj_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0ABT2	POA9P6	dps_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0A6Q3	POA9P6	faba_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0AES6	POA9P6	gyrb_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0A6X3	POA9P6	hfq_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0A7B8	POA9P6	hslv_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0AFG0	POA9P6	nusg_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0A9K3	POA9P6	phol_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P60723	POA9P6	rl4_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P36979	POA9P6	rlmn_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0AA39	POA9P6	rluc_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P21513	POA9P6	rne_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P21513	POA9P6	rne_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0A7Y8	POA9P6	rnpa_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P21499	POA9P6	rnrc_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0A776	POA9P6	rppe_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0AG24	POA9P6	spot_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0A847	POA9P6	tgt_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0A8I5	POA9P6	trmb_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0A8B5	POA9P6	ybab_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0AAS7	POA9P6	ybcj_ecoli	dead_ecoli
POA9P6	DEAD_ECOLI	* P0AGJ5	POA9P6	yfif_ecoli	dead_ecoli
POA6K3	DEF_ECOLI	* P0A6A3	POA6K3	acka_ecoli	def_ecoli
POA6K3	DEF_ECOLI	* P77624	POA6K3	arcm_ecoli	def_ecoli
POA6K3	DEF_ECOLI	* P37744	POA6K3	rmla1_ecoli	def_ecoli
POA6K3	DEF_ECOLI	* P21888	POA6K3	syc_ecoli	def_ecoli
POA6K3	DEF_ECOLI	* P0A8A0	POA6K3	yebc_ecoli	def_ecoli
POA6K3	DEF_ECOLI	* P32141	POA6K3	yiht_ecoli	def_ecoli
POC0V0	DEGP_ECOLI	* P0A6G7	POC0V0	clpp_ecoli	degp_ecoli
POC0V0	DEGP_ECOLI	* P0AAG8	POC0V0	mgla_ecoli	degp_ecoli
POC0V0	DEGP_ECOLI	* P0AG18	POC0V0	pure_ecoli	degp_ecoli
POC0V0	DEGP_ECOLI	* P0A7E9	POC0V0	pyrh_ecoli	degp_ecoli
POC0V0	DEGP_ECOLI	* P33228	POC0V0	rect_ecoli	degp_ecoli
POA6K6	DEOB_ECOLI	* P77489	POA6K6	yagr_ecoli	deob_ecoli
POA6L0	DEOC_ECOLI	* P27550	POA6L0	acsa_ecoli	deoc_ecoli
POA6L0	DEOC_ECOLI	* P76555	POA6L0	eutq_ecoli	deoc_ecoli

P0A6L0	DEOC_ECOLI	* P28861	P0A6L0	fenr_ecoli	deoc_ecoli
P0A6L0	DEOC_ECOLI	* P64488	P0A6L0	year_ecoli	deoc_ecoli
P0A6L0	DEOC_ECOLI	* P31449	P0A6L0	yidl_ecoli	deoc_ecoli
P0ABP8	DEOD_ECOLI	* P0AD61	P0ABP8	kpyk1_ecoli	deod_ecoli
P76015	DHAK_ECOLI	* P20083	P76015	pare_ecoli	dhak_ecoli
P76015	DHAK_ECOLI	* P0AAT6	P76015	ybeb_ecoli	dhak_ecoli
P37349	DHAM_ECOLI	none			
P76016	DHAR_ECOLI	none			
P0A9Q9	DHAS_ECOLI	none			
P00393	DHNA_ECOLI	* P06282	P00393	cdh_ecoli	dhna_ecoli
P00393	DHNA_ECOLI	* P11454	P00393	entf_ecoli	dhna_ecoli
P00393	DHNA_ECOLI	* A8A6G7	P00393	oxaa_ecohs	dhna_ecoli
P0AC13	DHPS_ECOLI	* P11989	P0AC13	bglg_ecoli	dhps_ecoli
P0AC41	DHSA_ECOLI	* P11071	P0AC41	acek_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P77731	P0AC41	alla_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P0ACN4	P0AC41	allr_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P0ACR0	P0AC41	alls_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P77398	P0AC41	arna_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P0A951	P0AC41	atda_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P60584	P0AC41	caia_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P31572	P0AC41	caib_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P31551	P0AC41	caid_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P0AE58	P0AC41	caif_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P17315	P0AC41	cira_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P63284	P0AC41	clpb_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P0A6H1	P0AC41	clpx_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P52086	P0AC41	cobc_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* Q59385	P0AC41	copa_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P17846	P0AC41	cysi_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P0ACF4	P0AC41	dbhb_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P0AEC8	P0AC41	dcus_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P06149	P0AC41	dld_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P21189	P0AC41	dpo2_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P0ABQ4	P0AC41	dyr_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* Q47129	P0AC41	fear_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P68644	P0AC41	fixc_ecoli	dhna_ecoli
P0AC41	DHSA_ECOLI	* P0AEM0	P0AC41	fbxb_ecoli	dhna_ecoli

POAC41	DHSA_ECOLI	* P25798	POAC41	flif_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P05042	POAC41	fumc_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0AEP7	POAC41	gcl_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P77161	POAC41	glxr_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P77334	POAC41	gmr_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P23871	POAC41	hemh_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P77319	POAC41	hscg_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P71229	POAC41	hyfr_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0A715	POAC41	kdsa_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P04951	POAC41	kdsb_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0A754	POAC41	keff_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P69451	POAC41	lcfa_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P10441	POAC41	lpxb_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P21645	POAC41	lpxd_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P05704	POAC41	mcp3_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0AEI1	POAC41	miab_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P54746	POAC41	mngb_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P33940	POAC41	mgo_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0AF26	POAC41	narj_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P27896	POAC41	narq_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P06959	POAC41	odp2_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P77467	POAC41	paag_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0A9J4	POAC41	pane_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P32674	POAC41	pfld_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0A7B1	POAC41	ppk_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0A7H6	POAC41	recr_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P33228	POAC41	rect_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0AEI4	POAC41	rimo_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P10442	POAC41	rnh2_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0A8V2	POAC41	rpob_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0A8T7	POAC41	rpoc_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0A7V0	POAC41	rs2_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P38035	POAC41	rtrc_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P77515	POAC41	stfq_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0A836	POAC41	succ_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0AGE9	POAC41	sucd_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P76041	POAC41	sucp_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P11875	POAC41	syr_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0AGJ9	POAC41	syy_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P77712	POAC41	tesc_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0AA25	POAC41	thio_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0A850	POAC41	tig_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0A850	POAC41	tig_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P39177	POAC41	uspg_ecoli	dhsa_ecoli
POAC41	DHSA_ECOLI	* P0AAQ2	POAC41	yajd_ecoli	dhsa_ecoli

P0AC41	DHSA_ECOLI	*	P0AAR3	P0AC41	ybak_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	P77301	P0AC41	ybap_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	P33668	P0AC41	ybbc_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	P77316	P0AC41	ybdr_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	P0AAT9	P0AC41	ybel_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	P0A8R7	P0AC41	ycjf_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	P77615	P0AC41	ycjw_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	P77546	P0AC41	ydav_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	P76104	P0AC41	ydcg_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	P77260	P0AC41	ydfi_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	P77804	P0AC41	ydga_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	P77564	P0AC41	ydhw_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	P17994	P0AC41	yfaa_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	P76463	P0AC41	yfaq_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	P76594	P0AC41	yfiq_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	P52127	P0AC41	yfjl_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	Q46802	P0AC41	ygev_ecoli	dhsa_ecoli
P0AC41	DHSA_ECOLI	*	P77509	P0AC41	yphe_ecoli	dhsa_ecoli
P06966	DICA_ECOLI		none			
Q46857	DKGA_ECOLI		none			
P0ABS1	DKSA_ECOLI	*	P0AA25	P0ABS1	thio_ecoli	dksa_ecoli
P0A9P0	DLDH_ECOLI	*	P0A6A8	P0A9P0	acp_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P0A6A8	P0A9P0	acp_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P0AE67	P0A9P0	chey_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P36995	P0A9P0	cspb_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P36995	P0A9P0	cspb_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P0AEE8	P0A9P0	dma_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P0AEE8	P0A9P0	dma_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P03004	P0A9P0	dnaa_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P00582	P0A9P0	dpo1_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P00582	P0A9P0	dpo1_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P10443	P0A9P0	dpo3a_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P33371	P0A9P0	dusc_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P0AB83	P0A9P0	end3_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P0A6C1	P0A9P0	end4_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P50465	P0A9P0	end8_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P09030	P0A9P0	ex3_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P04993	P0A9P0	ex5a_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P08394	P0A9P0	ex5b_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P76503	P0A9P0	fadi_ecoli	dldh_ecoli
P0A9P0	DLDH_ECOLI	*	P77399	P0A9P0	fadj_ecoli	dldh_ecoli

POA9P0	DLDH_ECOLI	*	P32177	POA9P0	fdhd_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0AEN8	POA9P0	fucm_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0AES4	POA9P0	gyra_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P43329	POA9P0	hrpa_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P37024	POA9P0	hrpb_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P37024	POA9P0	hrpb_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0AEV9	POA9P0	hyci_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0C054	POA9P0	ibpa_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0C058	POA9P0	ibpb_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P39346	POA9P0	idnd_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P08142	POA9P0	ilvb_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P08142	POA9P0	ilvb_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P37326	POA9P0	ints_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0A9H3	POA9P0	ldci_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P25522	POA9P0	mnme_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P33937	POA9P0	napa_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0AF26	POA9P0	narj_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P68739	POA9P0	nfi_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0AFC0	POA9P0	nudb_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0AFG3	POA9P0	odo1_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0AFG3	POA9P0	odo1_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0AFG6	POA9P0	odo2_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P06959	POA9P0	odp2_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0AFH0	POA9P0	ogt_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0AFH0	POA9P0	ogt_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P76086	POA9P0	paax_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P76086	POA9P0	paax_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0AFI2	POA9P0	parc_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0ACL9	POA9P0	pdhr_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0A9K3	POA9P0	phol_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0A9K3	POA9P0	phol_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P00490	POA9P0	phsm_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P00490	POA9P0	phsm_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0ADI0	POA9P0	pinr_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0A7A7	POA9P0	plsb_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0A7B1	POA9P0	ppk_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	Q7AJI3	POA9P0	q7aji3_ecolx	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P31473	POA9P0	rava_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P21893	POA9P0	recj_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P21893	POA9P0	recj_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P15043	POA9P0	recq_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P15043	POA9P0	recq_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P36979	POA9P0	rlmn_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0AA39	POA9P0	rluc_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	*	P0AA39	POA9P0	rluc_ecoli	dldh_ecoli

POA9P0	DLDH_ECOLI	* P0A7Y4	POA9P0	rnh_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P0A7Y8	POA9P0	rnpa_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P0A6U5	POA9P0	rsmg_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P0ABZ6	POA9P0	sura_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P08956	POA9P0	t1rk_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P08956	POA9P0	t1rk_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P19705	POA9P0	t1se_ecolx	dldh_ecoli
POA9P0	DLDH_ECOLI	* P0AGG4	POA9P0	thio2_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P06612	POA9P0	top1_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P14294	POA9P0	top3_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P14294	POA9P0	top3_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P0A8I5	POA9P0	trmb_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P0A887	POA9P0	ubie_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P0A9W0	POA9P0	ular_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P0A8F8	POA9P0	uvrb_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P0A8F8	POA9P0	uvrb_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P0A8G0	POA9P0	uvrc_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P0A8G0	POA9P0	uvrc_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P03018	POA9P0	uvrd_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P03018	POA9P0	uvrd_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P0AED5	POA9P0	uvry_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P0AAR3	POA9P0	ybak_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P0AAS7	POA9P0	ybcj_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P75767	POA9P0	ybhk_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P75767	POA9P0	ybhk_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P75829	POA9P0	ybjx_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P24188	POA9P0	ycea_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P75989	POA9P0	ycge_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P75990	POA9P0	ycgf_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P75990	POA9P0	ycgf_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P77302	POA9P0	ydam_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P77721	POA9P0	ydjf_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P33916	POA9P0	yejf_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P76594	POA9P0	yfiq_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* Q46802	POA9P0	ygev_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P52037	POA9P0	ygff_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P45527	POA9P0	yhbu_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P23839	POA9P0	yicc_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P31806	POA9P0	yjef_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P31806	POA9P0	yjef_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P0AF90	POA9P0	yjgd_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P76170	POA9P0	ynfb_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P45465	POA9P0	yran_ecoli	dldh_ecoli
POA9P0	DLDH_ECOLI	* P0A9X1	POA9P0	znuc_ecoli	dldh_ecoli

P0AEE8	DMA_ECOLI	* P0AEW4	P0AEE8	icc_ecoli	dma_ecoli
P69853	DMSD_ECOLI	none			
P08622	DNAJ_ECOLI	* P0A991	P08622	alf1_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0A6D0	P08622	argr_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P06610	P08622	btue_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0A964	P08622	chew_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0A9Y6	P08622	cspc_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0ABJ1	P08622	cyoa_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0A9P6	P08622	dead_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P23840	P08622	dind_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P03004	P08622	dnaa_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P03004	P08622	dnaa_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0CE47	P08622	eftu1_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P77277	P08622	eutj_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P04993	P08622	ex5a_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0AEM0	P08622	fkbx_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0ABH0	P08622	ftsa_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P17169	P08622	glms_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P13035	P08622	glpd_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0AES4	P08622	gyra_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0A6X3	P08622	hfq_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0A6H5	P08622	hslu_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0A6H5	P08622	hslu_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P71229	P08622	hyfr_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0C054	P08622	ibpa_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P04951	P08622	kdsb_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P10441	P08622	lpxb_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P21645	P08622	lpxd_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P06993	P08622	malt_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0A817	P08622	metk_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0A817	P08622	metk_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0AEI1	P08622	miab_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0A9X4	P08622	mreb_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0A9X4	P08622	mreb_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P09152	P08622	narg_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0AFG0	P08622	nusg_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P77495	P08622	prpe_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P42184	P08622	prsa_ecolx	dnaj_ecoli
P08622	DNAJ_ECOLI	* P42184	P08622	prsa_ecolx	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0AAH0	P08622	pstb_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P08839	P08622	pt1_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P0A9M8	P08622	pta_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	* P15254	P08622	pur4_ecoli	dnaj_ecoli

P08622	DNAJ_ECOLI	*	P0A7E9	P08622	pyrh_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P21893	P08622	recj_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P0AFW0	P08622	rfah_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P36979	P08622	rlmn_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P36979	P08622	rlmn_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P0CG19	P08622	rnph_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P0A812	P08622	ruvb_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P0A812	P08622	ruvb_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P14081	P08622	selb_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P14081	P08622	selb_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P0A828	P08622	smg_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P21507	P08622	srmb_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P00960	P08622	syga_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P00960	P08622	syga_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P00956	P08622	syi_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P0AGG8	P08622	tidd_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P25534	P08622	ubih_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P0A9W0	P08622	ular_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P39177	P08622	uspg_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P39177	P08622	uspg_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P71296	P08622	yagm_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P0AAS7	P08622	ybcj_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P0AAS7	P08622	ybcj_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P75741	P08622	ybfl_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P75829	P08622	ybjx_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P75991	P08622	ycgz_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P76241	P08622	yeam_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P0A8A2	P08622	yeen_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P77196	P08622	yfcu_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P76594	P08622	yfiq_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P23839	P08622	yicc_ecoli	dnaj_ecoli
P08622	DNAJ_ECOLI	*	P76612	P08622	ypjb_ecoli	dnaj_ecoli
P0A6Y8	DNAK_ECOLI	*	P0ABD5	P0A6Y8	acca_ecoli	dnak_ecoli
P0A6Y8	DNAK_ECOLI	*	P24182	P0A6Y8	acc_c_ecoli	dnak_ecoli
P0A6Y8	DNAK_ECOLI	*	P0A9Q5	P0A6Y8	accd_ecoli	dnak_ecoli
P0A6Y8	DNAK_ECOLI	*	P77580	P0A6Y8	acdh_ecoli	dnak_ecoli
P0A6Y8	DNAK_ECOLI	*	P39451	P0A6Y8	adh_p_ecoli	dnak_ecoli
P0A6Y8	DNAK_ECOLI	*	P23872	P0A6Y8	aes_ecoli	dnak_ecoli
P0A6Y8	DNAK_ECOLI	*	P33224	P0A6Y8	aidb_ecoli	dnak_ecoli
P0A6Y8	DNAK_ECOLI	*	P33224	P0A6Y8	aidb_ecoli	dnak_ecoli
P0A6Y8	DNAK_ECOLI	*	P37685	P0A6Y8	aldb_ecoli	dnak_ecoli
P0A6Y8	DNAK_ECOLI	*	P0AB71	P0A6Y8	alf_ecoli	dnak_ecoli
P0A6Y8	DNAK_ECOLI	*	P0AB71	P0A6Y8	alf_ecoli	dnak_ecoli
P0A6Y8	DNAK_ECOLI	*	P0A991	P0A6Y8	alf1_ecoli	dnak_ecoli

POA6Y8	DNAK_ECOLI	* P39265	POA6Y8	alsb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P00811	POA6Y8	ampc_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P02924	POA6Y8	araf_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P37306	POA6Y8	arcc_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AB91	POA6Y8	arog_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P22106	POA6Y8	asnb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AC38	POA6Y8	aspa_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AC38	POA6Y8	aspa_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ABA4	POA6Y8	atpd_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ABD8	POA6Y8	bccp_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P17444	POA6Y8	beta_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P12996	POA6Y8	biob_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P31552	POA6Y8	caic_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P31551	POA6Y8	caid_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P36659	POA6Y8	cbpa_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P36659	POA6Y8	cbpa_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P36659	POA6Y8	cbpa_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A6F9	POA6Y8	ch10_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A6F9	POA6Y8	ch10_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A6F5	POA6Y8	ch60_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P07330	POA6Y8	cheb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P07364	POA6Y8	cher_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P76213	POA6Y8	cho_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AE72	POA6Y8	chpr_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ABH9	POA6Y8	clpa_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P63284	POA6Y8	clpb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A6G7	POA6Y8	clpp_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A6H1	POA6Y8	clpx_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A6H1	POA6Y8	clpx_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* Q59385	POA6Y8	copa_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P36649	POA6Y8	cueo_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P00816	POA6Y8	cyns_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ABJ1	POA6Y8	cyoa_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P16700	POA6Y8	cysp_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ACF0	POA6Y8	dbha_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ACF0	POA6Y8	dbha_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ACF4	POA6Y8	dbhb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P69908	POA6Y8	dcea_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	* P69908	POA6Y8	dcea_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P69910	POA6Y8	dceb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A6J8	POA6Y8	ddla_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0C0V0	POA6Y8	degp_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ACK5	POA6Y8	deor_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A9Q9	POA6Y8	dhas_ecoli	dnak_ecoli

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POA6Y8	DNAK_ECOLI	* P06965	POA6Y8	dicc_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P23840	POA6Y8	dind_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AEF0	POA6Y8	dnac_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P08622	POA6Y8	dnaj_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	* P08622	POA6Y8	dnaj_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P10443	POA6Y8	dpo3a_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P37313	POA6Y8	dppf_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77202	POA6Y8	dsbg_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0CE47	POA6Y8	eftu1_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AB83	POA6Y8	end3_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A6P9	POA6Y8	eno_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A6P9	POA6Y8	eno_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P15047	POA6Y8	enta_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P19636	POA6Y8	eutc_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P76556	POA6Y8	eutp_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AAI5	POA6Y8	fabf_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AAI5	POA6Y8	fabf_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P07658	POA6Y8	fdhf_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* Q47208	POA6Y8	fdra_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AEL6	POA6Y8	fepb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P23878	POA6Y8	fepc_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A6R3	POA6Y8	fis_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P60566	POA6Y8	fixa_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P31574	POA6Y8	fixb_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	* P75938	POA6Y8	flgf_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AEM4	POA6Y8	flgm_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A8S9	POA6Y8	flhd_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P04949	POA6Y8	flic_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P31068	POA6Y8	flih_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P52613	POA6Y8	flij_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P52614	POA6Y8	flik_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77609	POA6Y8	flxa_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P08192	POA6Y8	folc_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P24186	POA6Y8	fold_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ACP1	POA6Y8	frur_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ABH0	POA6Y8	ftsa_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A9A6	POA6Y8	ftsz_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P05042	POA6Y8	fumc_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A9B2	POA6Y8	g3p1_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A9B2	POA6Y8	g3p1_ecoli	dnak_ecoli

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POA6Y8	DNAK_ECOLI	* P0A9C3	POA6Y8	galm_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A9S3	POA6Y8	gatd_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P36930	POA6Y8	gatr_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0C8J6	POA6Y8	gaty_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0C8J6	POA6Y8	gaty_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AC55	POA6Y8	glnk_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P10346	POA6Y8	glnq_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P68688	POA6Y8	glrx1_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	* P09372	POA6Y8	grpe_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P09372	POA6Y8	grpe_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P09372	POA6Y8	grpe_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AES4	POA6Y8	gyra_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	* P0ACE7	POA6Y8	hint_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P10371	POA6Y8	his4_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P67910	POA6Y8	hldd_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P36645	POA6Y8	hofb_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	* P28905	POA6Y8	holc_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ABS8	POA6Y8	hole_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ABS8	POA6Y8	hole_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P37024	POA6Y8	hrpb_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	* P0A6H5	POA6Y8	hslu_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	* P19932	POA6Y8	hyaf_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	* P39347	POA6Y8	intb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A7A9	POA6Y8	ipyr_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A6B7	POA6Y8	iscs_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P22939	POA6Y8	ispa_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P62623	POA6Y8	isph_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	* P21599	POA6Y8	kpyk2_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P09151	POA6Y8	leu1_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	* P24175	POA6Y8	manb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77188	POA6Y8	matc_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	* P30750	POA6Y8	metn_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	* Q47690	POA6Y8	mmum_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P12282	POA6Y8	moeb_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	* P04846	POA6Y8	nlpa_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	* P31828	POA6Y8	pqql_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P07013	POA6Y8	prib_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P42184	POA6Y8	prsa_ecolx	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A7D7	POA6Y8	pur7_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A7D7	POA6Y8	pur7_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P09546	POA6Y8	puta_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A7E9	POA6Y8	pyrh_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* Q9F557	POA6Y8	q9f557_ecolx	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P28304	POA6Y8	qor1_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A7F9	POA6Y8	quea_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77756	POA6Y8	quec_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77756	POA6Y8	quec_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P76062	POA6Y8	racr_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P31473	POA6Y8	rava_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P31473	POA6Y8	rava_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P02925	POA6Y8	rbsb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P69405	POA6Y8	rca_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P69407	POA6Y8	rca_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P69411	POA6Y8	rca_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P21893	POA6Y8	recj_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0C079	POA6Y8	relb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A7I0	POA6Y8	rf1_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A8J8	POA6Y8	rhlb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P16918	POA6Y8	rhsc_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P24211	POA6Y8	rhse_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P24211	POA6Y8	rhse_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P45748	POA6Y8	rimn_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AEI4	POA6Y8	rimo_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P69924	POA6Y8	rir2_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A7J3	POA6Y8	rl10_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A7J7	POA6Y8	rl11_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P60422	POA6Y8	rl2_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P68919	POA6Y8	rl25_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P60438	POA6Y8	rl3_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A7N9	POA6Y8	rl33_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P60723	POA6Y8	rl4_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A7R1	POA6Y8	rl9_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P21513	POA6Y8	rne_ecoli	dnak_ecoli

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POA6Y8	DNAK_ECOLI	*	P21513	POA6Y8	rne_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P21513	POA6Y8	rne_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P21513	POA6Y8	rne_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0A9J0	POA6Y8	rng_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0A7Y8	POA6Y8	rnpa_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0CG19	POA6Y8	rnph_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0AGB3	POA6Y8	rp32_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	*	P24255	POA6Y8	rp54_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	*	P0AG07	POA6Y8	rpe_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0A8T7	POA6Y8	rpoc_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0A800	POA6Y8	rpoz_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0A800	POA6Y8	rpoz_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0A7T3	POA6Y8	rs16_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P02358	POA6Y8	rs6_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P39286	POA6Y8	rsga_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0ADX9	POA6Y8	rsmd_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P38035	POA6Y8	rtrc_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P75898	POA6Y8	ruta_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0AFQ5	POA6Y8	rutc_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0A812	POA6Y8	ruvb_ecoli	dnak_ecoli
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POA6Y8	DNAK_ECOLI	*	P07026	POA6Y8	sdia_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P10408	POA6Y8	seca_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P23721	POA6Y8	serc_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P37680	POA6Y8	sgbe_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0A7F6	POA6Y8	sped_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P15082	POA6Y8	srlr_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P28043	POA6Y8	ssb2_ecolx	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0ACA3	POA6Y8	sspa_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0AFZ3	POA6Y8	sspb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0AAI1	POA6Y8	ssub_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0AG78	POA6Y8	subi_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0ABZ6	POA6Y8	sura_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P00957	POA6Y8	sya_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0A8M3	POA6Y8	syt_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0AGJ9	POA6Y8	syy_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	*	P0AGJ9	POA6Y8	syy_ecoli	dnak_ecoli

POA6Y8	DNAK_ECOLI	* P0AGG2	POA6Y8	tesb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P07464	POA6Y8	thga_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P31550	POA6Y8	thib_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P30139	POA6Y8	thig_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AGG4	POA6Y8	thio2_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A853	POA6Y8	tnaa_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A858	POA6Y8	tpis_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P62601	POA6Y8	tref_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P36673	POA6Y8	trer_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A8I5	POA6Y8	trmb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P00895	POA6Y8	trpe_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A6A0	POA6Y8	ubib_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P17993	POA6Y8	ubig_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AG80	POA6Y8	ugpb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P69822	POA6Y8	ulab_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A9W0	POA6Y8	ular_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P07024	POA6Y8	usha_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P37903	POA6Y8	uspf_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P39177	POA6Y8	uspg_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P39177	POA6Y8	uspg_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A698	POA6Y8	uvra_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A8G3	POA6Y8	uxac_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P09184	POA6Y8	vsr_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P75970	POA6Y8	vxis_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P37750	POA6Y8	wbbj_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P71244	POA6Y8	wcam_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P27836	POA6Y8	wecg_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P38506	POA6Y8	xni_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P37388	POA6Y8	xylg_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* Q47719	POA6Y8	y4286_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P75682	POA6Y8	yage_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77169	POA6Y8	yagj_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77657	POA6Y8	yagk_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77607	POA6Y8	yagl_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P75684	POA6Y8	yagp_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77183	POA6Y8	yagq_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77489	POA6Y8	yagr_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77324	POA6Y8	yags_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77297	POA6Y8	yahe_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77187	POA6Y8	yahf_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77554	POA6Y8	yahj_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AAQ2	POA6Y8	yajd_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P46890	POA6Y8	ybae_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AAR3	POA6Y8	ybak_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77301	POA6Y8	ybap_ecoli	dnak_ecoli

POA6Y8	DNAK_ECOLI	* P0AFP2	POA6Y8	ybaz_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A9T8	POA6Y8	ybba_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AAS9	POA6Y8	ybdd_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P45579	POA6Y8	ybdh_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77316	POA6Y8	ybdr_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P75746	POA6Y8	ybgl_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P75749	POA6Y8	ybgp_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P12994	POA6Y8	ybhb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P30176	POA6Y8	ybia_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ACU0	POA6Y8	ybih_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AAX8	POA6Y8	ybis_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P31545	POA6Y8	ycdb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AB24	POA6Y8	ycdo_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P24188	POA6Y8	ycea_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P24188	POA6Y8	ycea_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P76002	POA6Y8	ycgk_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AB43	POA6Y8	ycgl_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P76010	POA6Y8	ycgr_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P75991	POA6Y8	ycgz_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P30192	POA6Y8	ychg_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P08245	POA6Y8	ycih_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P76069	POA6Y8	yday_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P33666	POA6Y8	ydba_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P76100	POA6Y8	ydck_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77286	POA6Y8	ydeu_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P76165	POA6Y8	ydfx_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77552	POA6Y8	ydhq_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ACX3	POA6Y8	ydhr_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ACX3	POA6Y8	ydhr_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P64479	POA6Y8	ydiz_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ACY1	POA6Y8	yджа_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77721	POA6Y8	ydjf_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77280	POA6Y8	ydjj_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P76270	POA6Y8	yebr_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AA31	POA6Y8	yedf_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P76321	POA6Y8	yedn_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P76342	POA6Y8	yedy_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P64524	POA6Y8	yeev_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P33347	POA6Y8	yehk_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P33916	POA6Y8	yejf_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P39199	POA6Y8	yfcb_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P65556	POA6Y8	yfcd_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P52119	POA6Y8	yfjf_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P52126	POA6Y8	yfjk_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* Q46896	POA6Y8	ygbt_ecoli	dnak_ecoli

POA6Y8	DNAK_ECOLI	* Q46906	POA6Y8	ygcp_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* Q46906	POA6Y8	ygcp_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* Q46796	POA6Y8	ygep_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AG84	POA6Y8	yggha_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P64572	POA6Y8	yghr_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P26646	POA6Y8	yhdh_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P36677	POA6Y8	yhdn_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P46853	POA6Y8	yhhx_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ADJ3	POA6Y8	yhjr_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ADK6	POA6Y8	yiba_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P23839	POA6Y8	yicc_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A8Y5	POA6Y8	yida_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0A8Y5	POA6Y8	yida_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P31443	POA6Y8	yidf_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0ADQ2	POA6Y8	yiid_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P32704	POA6Y8	yjcf_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P16694	POA6Y8	yjda_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P0AF67	POA6Y8	yjee_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P37342	POA6Y8	yjji_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P76068	POA6Y8	ynak_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P77475	POA6Y8	yqab_ecoli	dnak_ecoli
POA6Y8	DNAK_ECOLI	* P45465	POA6Y8	yran_ecoli	dnak_ecoli
P76129	DOSP_ECOLI	none			
POA988	DPO3B_ECOLI	* P24182	POA988	accs_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P0A9X9	POA988	cspa_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P36995	POA988	cspb_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P0A972	POA988	cspe_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P0AEK4	POA988	fabj_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P61949	POA988	flav_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P32662	POA988	gph_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P69931	POA988	hda_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P0ACE7	POA988	hint_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P28630	POA988	hola_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P28630	POA988	hola_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P0A7A9	POA988	ipyr_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P0A9H3	POA988	ldci_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P0A763	POA988	ndk_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P07004	POA988	proa_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P0AG07	POA988	rpe_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P0AG07	POA988	rpe_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P16659	POA988	syp_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P0A8E7	POA988	yajq_ecoli	dpo3b_ecoli
POA988	DPO3B_ECOLI	* P77395	POA988	ybbn_ecoli	dpo3b_ecoli

P0A988	DPO3B_ECOLI	*	P0ACX3	P0A988	ydhr_ecoli	dpo3b_ecoli
P0A988	DPO3B_ECOLI	*	P0ACY3	P0A988	yeag_ecoli	dpo3b_ecoli
P0A988	DPO3B_ECOLI	*	P0AG84	P0A988	ygha_ecoli	dpo3b_ecoli
P0ABT2	DPS_ECOLI	*	P0ABW9	P0ABT2	flgb_ecoli	dps_ecoli
P0ABT2	DPS_ECOLI	*	P0AAB6	P0ABT2	galf_ecoli	dps_ecoli
P0ABT2	DPS_ECOLI	*	P0AAC8	P0ABT2	isca_ecoli	dps_ecoli
P0ABT2	DPS_ECOLI	*	P0A734	P0ABT2	mine_ecoli	dps_ecoli
P0ABT2	DPS_ECOLI	*	P29745	P0ABT2	pept_ecoli	dps_ecoli
P0ABT2	DPS_ECOLI	*	P60723	P0ABT2	rl4_ecoli	dps_ecoli
P0ABT2	DPS_ECOLI	*	P77444	P0ABT2	sufs_ecoli	dps_ecoli
P0ABT2	DPS_ECOLI	*	P0A8N5	P0ABT2	syk2_ecoli	dps_ecoli
P0ABT2	DPS_ECOLI	*	P0A8N5	P0ABT2	syk2_ecoli	dps_ecoli
P0ABT2	DPS_ECOLI	*	P0AD07	P0ABT2	yecf_ecoli	dps_ecoli
P0ABT2	DPS_ECOLI	*	P76483	P0ABT2	yfbm_ecoli	dps_ecoli
P0ABT2	DPS_ECOLI	*	P24178	P0ABT2	yffb_ecoli	dps_ecoli
P0ABT2	DPS_ECOLI	*	P77538	P0ABT2	yfhr_ecoli	dps_ecoli
P32695	DUSA_ECOLI		none			
P77488	DXS_ECOLI		none			
P0ADB7	ECNB_ECOLI		none			
P23827	ECOT_ECOLI	*	P23827	P23827	ecot_ecoli	ecot_ecoli
P23827	ECOT_ECOLI	*	P32169	P23827	rhad_ecoli	ecot_ecoli
P23827	ECOT_ECOLI	*	P76243	P23827	yeao_ecoli	ecot_ecoli
P23827	ECOT_ECOLI	*	P64488	P23827	year_ecoli	ecot_ecoli
P0A6M8	EFG_ECOLI	*	P39451	P0A6M8	adh_p_ecoli	efg_ecoli
P0A6M8	EFG_ECOLI	*	P0ABE7	P0A6M8	c562_ecolx	efg_ecoli
P0A6M8	EFG_ECOLI	*	P0A6F9	P0A6M8	ch10_ecoli	efg_ecoli
P0A6M8	EFG_ECOLI	*	P77268	P0A6M8	ddpd_ecoli	efg_ecoli
P0A6M8	EFG_ECOLI	*	P0A9A6	P0A6M8	ftsz_ecoli	efg_ecoli
P0A6M8	EFG_ECOLI	*	P0A6H5	P0A6M8	hslu_ecoli	efg_ecoli
P0A6M8	EFG_ECOLI	*	P0ACR9	P0A6M8	mpra_ecoli	efg_ecoli
P0A6M8	EFG_ECOLI	*	P0A9X4	P0A6M8	mreb_ecoli	efg_ecoli
P0A6M8	EFG_ECOLI	*	P24205	P0A6M8	msbb_ecoli	efg_ecoli
P0A6M8	EFG_ECOLI	*	P17802	P0A6M8	muty_ecoli	efg_ecoli
P0A6M8	EFG_ECOLI	*	P29745	P0A6M8	pept_ecoli	efg_ecoli
P0A6M8	EFG_ECOLI	*	P15640	P0A6M8	pur2_ecoli	efg_ecoli
P0A6M8	EFG_ECOLI	*	P37906	P0A6M8	puub_ecoli	efg_ecoli
P0A6M8	EFG_ECOLI	*	P0A7E9	P0A6M8	pyrh_ecoli	efg_ecoli
P0A6M8	EFG_ECOLI	*	P0AFU8	P0A6M8	risa_ecoli	efg_ecoli
P0A6M8	EFG_ECOLI	*	P60723	P0A6M8	rl4_ecoli	efg_ecoli

POA6M8	EFG_ECOLI	* P36979	POA6M8	rlmn_ecoli	efg_ecoli
POA6M8	EFG_ECOLI	* P30850	POA6M8	rnb_ecoli	efg_ecoli
POA6M8	EFG_ECOLI	* P0AFW8	POA6M8	rof_ecoli	efg_ecoli
POA6M8	EFG_ECOLI	* P39286	POA6M8	rsga_ecoli	efg_ecoli
POA6M8	EFG_ECOLI	* P0A8N5	POA6M8	syk2_ecoli	efg_ecoli
POA6M8	EFG_ECOLI	* P0AA25	POA6M8	thio_ecoli	efg_ecoli
POA6M8	EFG_ECOLI	* P0AA25	POA6M8	thio_ecoli	efg_ecoli
POA6M8	EFG_ECOLI	* P00934	POA6M8	thrc_ecoli	efg_ecoli
POA6M8	EFG_ECOLI	* P00895	POA6M8	trpe_ecoli	efg_ecoli
POA6M8	EFG_ECOLI	* P77804	POA6M8	ydga_ecoli	efg_ecoli
POA6M8	EFG_ECOLI	* P77552	POA6M8	ydhq_ecoli	efg_ecoli
POA6N4	EFP_ECOLI	* P0AA25	POA6N4	thio_ecoli	efp_ecoli
POA6N8	EFPL_ECOLI	none			
POA6P1	EFTS_ECOLI	* P0A6M8	POA6P1	efg_ecoli	efts_ecoli
POA6P1	EFTS_ECOLI	* P0A6M8	POA6P1	efg_ecoli	efts_ecoli
POA6P1	EFTS_ECOLI	* P0CE47	POA6P1	eftu1_ecoli	efts_ecoli
POA6P1	EFTS_ECOLI	* P0CE47	POA6P1	eftu1_ecoli	efts_ecoli
POA6P1	EFTS_ECOLI	* P0CE47	POA6P1	eftu1_ecoli	efts_ecoli
POA6P1	EFTS_ECOLI	* P0CE47	POA6P1	eftu1_ecoli	efts_ecoli
POA6P1	EFTS_ECOLI	* P0CE47	POA6P1	eftu1_ecoli	efts_ecoli
POA6P1	EFTS_ECOLI	* P76773	POA6P1	ompl_ecoli	efts_ecoli
POA6P1	EFTS_ECOLI	* P0A7E9	POA6P1	pyrh_ecoli	efts_ecoli
POA6P1	EFTS_ECOLI	* P0AA25	POA6P1	thio_ecoli	efts_ecoli
POCE47	EFTU1_ECOLI	* P61517	POCE47	can_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P36659	POCE47	cbpa_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P06961	POCE47	cca_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0AE60	POCE47	ceda_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0ABH9	POCE47	clpa_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P63284	POCE47	clpb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6G7	POCE47	clpp_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6G7	POCE47	clpp_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6H1	POCE47	clpx_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P69488	POCE47	cuta_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P76251	POCE47	dmla_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P03004	POCE47	dnaa_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0ACB0	POCE47	dnab_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0ACB0	POCE47	dnab_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P08622	POCE47	dnaj_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6Y8	POCE47	dnak_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6Y8	POCE47	dnak_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P77488	POCE47	dxs_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6M8	POCE47	efg_ecoli	eftu1_ecoli

POCE47	EFTU1_ECOLI	* P0A6M8	POCE47	efg_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6M8	POCE47	efg_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6P1	POCE47	efts_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6P1	POCE47	efts_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6P1	POCE47	efts_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6P1	POCE47	efts_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P06616	POCE47	era_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6Q3	POCE47	faba_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6Q6	POCE47	fabz_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P24183	POCE47	fdng_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P24183	POCE47	fdng_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0ACP1	POCE47	frur_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0ABH0	POCE47	ftsa_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0ABH0	POCE47	ftsa_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A9R7	POCE47	ftse_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A9A6	POCE47	ftsz_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0C8J6	POCE47	gaty_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0C8J6	POCE47	gaty_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P05852	POCE47	gcp_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P31120	POCE47	glmm_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6W5	POCE47	grea_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P09372	POCE47	grpe_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0AES4	POCE47	gyra_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0AES4	POCE47	gyra_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0AES6	POCE47	gyrb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0AES6	POCE47	gyrb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P15038	POCE47	held_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P15038	POCE47	held_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6X3	POCE47	hfq_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0ACE7	POCE47	hint_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0ABS8	POCE47	hole_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P43329	POCE47	hrpa_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6L9	POCE47	hscb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6L9	POCE47	hscb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6Y5	POCE47	hslo_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6Y5	POCE47	hslo_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6H5	POCE47	hslu_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6H5	POCE47	hslu_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A7B8	POCE47	hslv_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P24192	POCE47	hypd_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P24192	POCE47	hypd_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0C054	POCE47	ibpa_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0C054	POCE47	ibpa_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0C058	POCE47	ibpb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A8S1	POCE47	icia_ecoli	eftu1_ecoli

POCE47	EFTU1_ECOLI	* P0A7A9	POCE47	ipyr_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A715	POCE47	kdsa_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A715	POCE47	kdsa_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P04951	POCE47	kdsb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A720	POCE47	kthy_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A9H3	POCE47	ldci_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A9M0	POCE47	lon_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P10441	POCE47	lpxb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P10441	POCE47	lpxb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P06993	POCE47	malt_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0ACE0	POCE47	mbhm_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0ACE0	POCE47	mbhm_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A817	POCE47	metk_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A817	POCE47	metk_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P30750	POCE47	metn_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0AEI1	POCE47	miab_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0AEI1	POCE47	miab_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P63386	POCE47	mlaf_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P63386	POCE47	mlaf_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P30745	POCE47	moaa_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A9X4	POCE47	mreb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A9X4	POCE47	mreb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P22523	POCE47	mukb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P22523	POCE47	mukb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A749	POCE47	mura_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P17952	POCE47	murc_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P17952	POCE47	murc_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P22634	POCE47	muri_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P23367	POCE47	mutl_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P23909	POCE47	muts_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P09152	POCE47	narg_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P11349	POCE47	narh_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P33590	POCE47	nika_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P33593	POCE47	nikd_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P33594	POCE47	nike_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A6Z6	POCE47	nikr_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0AFF6	POCE47	nusa_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P29745	POCE47	pept_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A7A7	POCE47	pls_b_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P18133	POCE47	pncb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P17888	POCE47	pria_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0AAH0	POCE47	pstb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A9M8	POCE47	pta_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A7D1	POCE47	pth_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P37188	POCE47	ptkb_ecoli	eftu1_ecoli

POCE47	EFTU1_ECOLI	* P0A7E9	POCE47	pyrh_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P77756	POCE47	quec_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P77756	POCE47	quec_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P31473	POCE47	rava_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P69407	POCE47	rccb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P21893	POCE47	recj_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A8J8	POCE47	rhlb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0AG30	POCE47	rho_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P61714	POCE47	risb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0C0R7	POCE47	rlme_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P36979	POCE47	rlmn_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P36979	POCE47	rlmn_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P21513	POCE47	rne_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0CG19	POCE47	rnph_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A8V2	POCE47	rpob_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P00579	POCE47	rpod_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P13445	POCE47	rpos_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P39286	POCE47	rsga_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0ADX9	POCE47	rsmd_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A812	POCE47	ruvb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P10408	POCE47	seca_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P10408	POCE47	seca_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0AG24	POCE47	spot_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P21507	POCE47	srmb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0AFZ3	POCE47	sspb_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P00957	POCE47	sya_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P00960	POCE47	syga_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P00956	POCE47	syi_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P11868	POCE47	tdcd_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A887	POCE47	ubie_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A9W0	POCE47	ular_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A9W0	POCE47	ular_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P08390	POCE47	usg_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P08390	POCE47	usg_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P39177	POCE47	uspg_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0AED5	POCE47	uvry_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0ADN0	POCE47	vial_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A8J4	POCE47	ybed_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P75829	POCE47	ybjx_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P75829	POCE47	ybjx_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0AFQ7	POCE47	ycfh_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P77302	POCE47	ydam_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P76104	POCE47	ydcg_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P0A8A4	POCE47	ydia_ecoli	eftu1_ecoli
POCE47	EFTU1_ECOLI	* P64476	POCE47	ydiu_ecoli	eftu1_ecoli

P0A6P9	ENO_ECOLI	* P21513	P0A6P9	rne_ecoli	eno_ecoli
P0A6P9	ENO_ECOLI	* P21513	P0A6P9	rne_ecoli	eno_ecoli
P0A6P9	ENO_ECOLI	* P0A9J0	P0A6P9	rng_ecoli	eno_ecoli
P0A6P9	ENO_ECOLI	* P0AG07	P0A6P9	rpe_ecoli	eno_ecoli
P0A6P9	ENO_ECOLI	* P0A8N5	P0A6P9	syk2_ecoli	eno_ecoli
P0A6P9	ENO_ECOLI	* P0A8N5	P0A6P9	syk2_ecoli	eno_ecoli
P0A6P9	ENO_ECOLI	* P0A8M3	P0A6P9	syt_ecoli	eno_ecoli
P0A6P9	ENO_ECOLI	* P0AA25	P0A6P9	thio_ecoli	eno_ecoli
P0A6P9	ENO_ECOLI	* P0AA25	P0A6P9	thio_ecoli	eno_ecoli
P0A6P9	ENO_ECOLI	* P0AAS7	P0A6P9	ybcj_ecoli	eno_ecoli
P0ACT2	ENVR_ECOLI	none			
P76555	EUTQ_ECOLI	* P22939	P76555	ispa_ecoli	eutq_ecoli
P76555	EUTQ_ECOLI	* P37128	P76555	nudk_ecoli	eutq_ecoli
P0A993	F16PA_ECOLI	none			
P0A6Q3	FABA_ECOLI	* P0AA25	P0A6Q3	thio_ecoli	faba_ecoli
P0A6Q3	FABA_ECOLI	* P0AA25	P0A6Q3	thio_ecoli	faba_ecoli
P0A6Q3	FABA_ECOLI	* P0A850	P0A6Q3	tig_ecoli	faba_ecoli
P0A6Q3	FABA_ECOLI	* P76464	P0A6Q3	yfas_ecoli	faba_ecoli
P0A953	FABB_ECOLI	* P0A6A8	P0A953	acp_ecoli	fabb_ecoli
P0A953	FABB_ECOLI	* P0A6A8	P0A953	acp_ecoli	fabb_ecoli
P0A953	FABB_ECOLI	* P0A6Y8	P0A953	dnak_ecoli	fabb_ecoli
P0AAI9	FABD_ECOLI	* P77454	P0AAI9	glsa1_ecoli	fabd_ecoli
P0AAI5	FABF_ECOLI	* P0A6A8	P0AAI5	acp_ecoli	fabf_ecoli
P0AAI5	FABF_ECOLI	* P0A6A8	P0AAI5	acp_ecoli	fabf_ecoli
P0AAI5	FABF_ECOLI	* P0A6A8	P0AAI5	acp_ecoli	fabf_ecoli
P0AAI5	FABF_ECOLI	* P28631	P0AAI5	holb_ecoli	fabf_ecoli
P0AAI5	FABF_ECOLI	* P33020	P0AAI5	yeii_ecoli	fabf_ecoli
P0AEK2	FABG_ECOLI	* P0A6A8	P0AEK2	acp_ecoli	fabg_ecoli
P0AEK2	FABG_ECOLI	* P0A6A8	P0AEK2	acp_ecoli	fabg_ecoli
P0AEK2	FABG_ECOLI	* P0AA25	P0AEK2	thio_ecoli	fabg_ecoli
P0A6R0	FABH_ECOLI	* P0A6A8	P0A6R0	acp_ecoli	fabh_ecoli
P0A6R0	FABH_ECOLI	* P37095	P0A6R0	pepb_ecoli	fabh_ecoli
P0AEK4	FABI_ECOLI	* P52076	P0AEK4	qseb_ecoli	fabi_ecoli
P0AEK4	FABI_ECOLI	* P0AA25	P0AEK4	thio_ecoli	fabi_ecoli
P0AEK4	FABI_ECOLI	* P21362	P0AEK4	ycif_ecoli	fabi_ecoli

P0AEK4	FABI_ECOLI	* P76034	P0AEK4	ycit_ecoli	fab_i_ecoli
P0ACU5	FABR_ECOLI	none			
P0A6Q6	FABZ_ECOLI	* P0A6A8	P0A6Q6	acp_ecoli	fabz_ecoli
P0A6Q6	FABZ_ECOLI	* P36659	P0A6Q6	cbpa_ecoli	fabz_ecoli
P0A6Q6	FABZ_ECOLI	* P0A6P9	P0A6Q6	eno_ecoli	fabz_ecoli
P0A6Q6	FABZ_ECOLI	* P36930	P0A6Q6	gatr_ecoli	fabz_ecoli
P0A6Q6	FABZ_ECOLI	* P0AEV9	P0A6Q6	hyci_ecoli	fabz_ecoli
P0A6Q6	FABZ_ECOLI	* P0A9K3	P0A6Q6	phol_ecoli	fabz_ecoli
P0A6Q6	FABZ_ECOLI	* P21513	P0A6Q6	rne_ecoli	fabz_ecoli
P0A6Q6	FABZ_ECOLI	* P0AA25	P0A6Q6	thio_ecoli	fabz_ecoli
P0A6Q6	FABZ_ECOLI	* P0A8A2	P0A6Q6	yeen_ecoli	fabz_ecoli
P25401	FAEE_ECOLX	none			
P23774	FAPR_ECOLX	none			
P13024	FDHE_ECOLI	* P05052	P13024	appy_ecoli	fdhe_ecoli
P13024	FDHE_ECOLI	* P06282	P13024	cdh_ecoli	fdhe_ecoli
P13024	FDHE_ECOLI	* P24183	P13024	fdng_ecoli	fdhe_ecoli
P13024	FDHE_ECOLI	* P24183	P13024	fdng_ecoli	fdhe_ecoli
P13024	FDHE_ECOLI	* P0A858	P13024	tpis_ecoli	fdhe_ecoli
P13024	FDHE_ECOLI	* P0AB55	P13024	ycii_ecoli	fdhe_ecoli
P24183	FDNG_ECOLI	* P77488	P24183	dxs_ecoli	fdng_ecoli
P24183	FDNG_ECOLI	* P0AAJ3	P24183	fdnh_ecoli	fdng_ecoli
P24183	FDNG_ECOLI	* P24216	P24183	flid_ecoli	fdng_ecoli
P24183	FDNG_ECOLI	* P54746	P24183	mngb_ecoli	fdng_ecoli
P24183	FDNG_ECOLI	* P77181	P24183	paay_ecoli	fdng_ecoli
P24183	FDNG_ECOLI	* P75864	P24183	rlml_ecoli	fdng_ecoli
P24183	FDNG_ECOLI	* P77300	P24183	yagi_ecoli	fdng_ecoli
P24183	FDNG_ECOLI	* P37052	P24183	yehj_ecoli	fdng_ecoli
P24183	FDNG_ECOLI	* P76121	P24183	yddh_ecoli	fdng_ecoli
P24183	FDNG_ECOLI	* P67080	P24183	yggg_ecoli	fdng_ecoli
P32176	FDOG_ECOLI	* P13024	P32176	fdhe_ecoli	fdog_ecoli
P32176	FDOG_ECOLI	* P30749	P32176	moae_ecoli	fdog_ecoli
P32176	FDOG_ECOLI	* P0C0L2	P32176	osmc_ecoli	fdog_ecoli
P32176	FDOG_ECOLI	* P21165	P32176	pepq_ecoli	fdog_ecoli
P32176	FDOG_ECOLI	* P0AA25	P32176	thio_ecoli	fdog_ecoli
P32176	FDOG_ECOLI	* P12758	P32176	udp_ecoli	fdog_ecoli
P32176	FDOG_ECOLI	* P76121	P32176	yddh_ecoli	fdog_ecoli
P15029	FECD_ECOLI	none			

P23877	FEPG_ECOLI	none			
P0A9R4	FER_ECOLI	* P0AAC8	P0A9R4	isca_ecoli	fer_ecoli
P0A9R4	FER_ECOLI	* P0AAC8	P0A9R4	isca_ecoli	fer_ecoli
Q47153	FHIA_ECOLI	* P04949	Q47153	flic_ecoli	fhia_ecoli
Q47153	FHIA_ECOLI	* P60240	Q47153	rapa_ecoli	fhia_ecoli
P04128	FIMA1_ECOLI	none			
P31697	FIMC_ECOLI	* P0AEF4	P31697	dpia_ecoli	fimc_ecoli
P31697	FIMC_ECOLI	* P0A9H1	P31697	mug_ecoli	fimc_ecoli
P31697	FIMC_ECOLI	* P76422	P31697	thid_ecoli	fimc_ecoli
P08189	FIMF_ECOLI	* P31697	P08189	fimc_ecoli	fimf_ecoli
P08189	FIMF_ECOLI	* P31697	P08189	fimc_ecoli	fimf_ecoli
P08189	FIMF_ECOLI	* P31697	P08189	fimc_ecoli	fimf_ecoli
P08190	FIMG_ECOLI	* P31697	P08190	fimc_ecoli	fimg_ecoli
P08190	FIMG_ECOLI	* P31697	P08190	fimc_ecoli	fimg_ecoli
P08190	FIMG_ECOLI	* P31697	P08190	fimc_ecoli	fimg_ecoli
P08191	FIMH_ECOLI	* P31697	P08191	fimc_ecoli	fimh_ecoli
P08191	FIMH_ECOLI	* P31697	P08191	fimc_ecoli	fimh_ecoli
P08191	FIMH_ECOLI	* P31697	P08191	fimc_ecoli	fimh_ecoli
P08191	FIMH_ECOLI	* P31697	P08191	fimc_ecoli	fimh_ecoli
P08191	FIMH_ECOLI	* P31697	P08191	fimc_ecoli	fimh_ecoli
P08191	FIMH_ECOLI	* P31697	P08191	fimc_ecoli	fimh_ecoli
P0A6R3	FIS_ECOLI	* P0ACF4	P0A6R3	dbhb_ecoli	fis_ecoli
P0A6R3	FIS_ECOLI	* P00582	P0A6R3	dpo1_ecoli	fis_ecoli
P0A6R3	FIS_ECOLI	* P03018	P0A6R3	uvrd_ecoli	fis_ecoli
P0A6R3	FIS_ECOLI	* P64599	P0A6R3	yhbt_ecoli	fis_ecoli
P45523	FKBA_ECOLI	* P24230	P45523	recg_ecoli	fkba_ecoli
P45523	FKBA_ECOLI	* P0A8V0	P45523	rnz_ecoli	fkba_ecoli
P45523	FKBA_ECOLI	* Q46897	P45523	ygch_ecoli	fkba_ecoli
P0A9L3	FKBB_ECOLI	* P0AA25	P0A9L3	thio_ecoli	fkbb_ecoli
P61949	FLAV_ECOLI	* P0AB71	P61949	alf_ecoli	flav_ecoli
P75933	FLGA_ECOLI	* P0A6G7	P75933	clpp_ecoli	flga_ecoli
P75933	FLGA_ECOLI	* P06612	P75933	top1_ecoli	flga_ecoli

P04949	FLIC_ECOLI	* P0A8G9	P04949	ex7s_ecoli	flic_ecoli
P04949	FLIC_ECOLI	* P0AEM0	P04949	fbxb_ecoli	flic_ecoli
P04949	FLIC_ECOLI	* P0A9K9	P04949	slyd_ecoli	flic_ecoli
P04949	FLIC_ECOLI	* Q47269	P04949	ybcn_ecoli	flic_ecoli
P04949	FLIC_ECOLI	* P11663	P04949	yggd_ecoli	flic_ecoli
P15070	FLIN_ECOLI	* P07364	P15070	cher_ecoli	flin_ecoli
P15070	FLIN_ECOLI	* P52612	P15070	flii_ecoli	flin_ecoli
P15070	FLIN_ECOLI	* P06974	P15070	flim_ecoli	flin_ecoli
P15070	FLIN_ECOLI	* P15070	P15070	flin_ecoli	flin_ecoli
P15070	FLIN_ECOLI	* P33135	P15070	flir_ecoli	flin_ecoli
P15070	FLIN_ECOLI	* P33135	P15070	flir_ecoli	flin_ecoli
P15070	FLIN_ECOLI	* P0AG07	P15070	rpe_ecoli	flin_ecoli
P15070	FLIN_ECOLI	* P0AGB6	P15070	rpoe_ecoli	flin_ecoli
P15070	FLIN_ECOLI	* P16659	P15070	syp_ecoli	flin_ecoli
P15070	FLIN_ECOLI	* P39280	P15070	yjek_ecoli	flin_ecoli
P0ABY2	FLIT_ECOLI	* P09030	P0ABY2	ex3_ecoli	flit_ecoli
P0ABY2	FLIT_ECOLI	* P0A6S0	P0ABY2	flgh_ecoli	flit_ecoli
P0ABY2	FLIT_ECOLI	* P75942	P0ABY2	flgj_ecoli	flit_ecoli
P0ABY2	FLIT_ECOLI	* P24216	P0ABY2	flid_ecoli	flit_ecoli
P0ABY2	FLIT_ECOLI	* P52612	P0ABY2	flii_ecoli	flit_ecoli
P0ABY2	FLIT_ECOLI	* P52613	P0ABY2	flij_ecoli	flit_ecoli
P0ABY2	FLIT_ECOLI	* P0ABY2	P0ABY2	flit_ecoli	flit_ecoli
P0ABY2	FLIT_ECOLI	* P09394	P0ABY2	glpq_ecoli	flit_ecoli
P0ABY2	FLIT_ECOLI	* P63228	P0ABY2	gmhb_ecoli	flit_ecoli
P0ABY2	FLIT_ECOLI	* P0A6Z1	P0ABY2	hsca_ecoli	flit_ecoli
P0ABY2	FLIT_ECOLI	* P0A817	P0ABY2	metk_ecoli	flit_ecoli
P0ABY2	FLIT_ECOLI	* P0A850	P0ABY2	tig_ecoli	flit_ecoli
P0ABY2	FLIT_ECOLI	* P64616	P0ABY2	yhco_ecoli	flit_ecoli
P23882	FMT_ECOLI	* P0A7V8	P23882	rs4_ecoli	fmt_ecoli
P0A9E5	FNR_ECOLI	* P60651	P0A9E5	speb_ecoli	fnr_ecoli
P0A9E5	FNR_ECOLI	* P52062	P0A9E5	yggw_ecoli	fnr_ecoli
P0AC16	FOLB_ECOLI	* P0A9H5	P0AC16	btur_ecoli	folb_ecoli
P0AC19	FOLX_ECOLI	* P43533	P0AC19	flgn_ecoli	folx_ecoli
P0AC19	FOLX_ECOLI	* P0AAB2	P0AC19	wzb_ecoli	folx_ecoli
P00363	FRDA_ECOLI	* P0AC47	P00363	frdb_ecoli	frda_ecoli
P00363	FRDA_ECOLI	* P31473	P00363	rava_ecoli	frda_ecoli

P0AC47	FRDB_ECOLI	* P00363	P0AC47	frda_ecoli	frdb_ecoli
P0AC47	FRDB_ECOLI	* P00363	P0AC47	frda_ecoli	frdb_ecoli
P0AC47	FRDB_ECOLI	* P00363	P0AC47	frda_ecoli	frdb_ecoli
P0AC47	FRDB_ECOLI	* P00363	P0AC47	frda_ecoli	frdb_ecoli
P0AC47	FRDB_ECOLI	* P0A915	P0AC47	ompw_ecoli	frdb_ecoli
P0AC47	FRDB_ECOLI	* P0A915	P0AC47	ompw_ecoli	frdb_ecoli
P0AEN1	FRE_ECOLI	* P0ACB4	P0AEN1	hemg_ecoli	fre_ecoli
P0AEN1	FRE_ECOLI	* P0A9F9	P0AEN1	metr_ecoli	fre_ecoli
P0AEN1	FRE_ECOLI	* P77569	P0AEN1	mhpr_ecoli	fre_ecoli
P0AEN1	FRE_ECOLI	* P32173	P0AEN1	moba_ecoli	fre_ecoli
P0AEN1	FRE_ECOLI	* P0AFW0	P0AEN1	rfah_ecoli	fre_ecoli
P0AEN1	FRE_ECOLI	* P0A9V8	P0AEN1	yihu_ecoli	fre_ecoli
P45544	FRLR_ECOLI	none			
P25437	FRMA_ECOLI	* P32053	P25437	inta_ecoli	frma_ecoli
P25437	FRMA_ECOLI	* P0AAH0	P25437	pstb_ecoli	frma_ecoli
P0AAP3	FRMR_ECOLI	none			
P32669	FSAB_ECOLI	* P26281	P32669	hpk_ecoli	fsab_ecoli
P0A998	FTNA_ECOLI	* P0A850	P0A998	tig_ecoli	ftna_ecoli
P0A9A2	FTNB_ECOLI	* P0AG20	P0A9A2	rela_ecoli	ftnb_ecoli
P46889	FTSK_ECOLI	* P0A9A6	P46889	ftsz_ecoli	ftsk_ecoli
P46889	FTSK_ECOLI	* P05042	P46889	fumc_ecoli	ftsk_ecoli
P46889	FTSK_ECOLI	* P0A8T7	P46889	rpoc_ecoli	ftsk_ecoli
P46889	FTSK_ECOLI	* P75767	P46889	ybhk_ecoli	ftsk_ecoli
P06136	FTSQ_ECOLI	* P0A6J1	P06136	cysc_ecoli	ftsq_ecoli
P06136	FTSQ_ECOLI	* P0ABH0	P06136	ftsa_ecoli	ftsq_ecoli
P06136	FTSQ_ECOLI	* P0A6S5	P06136	ftsb_ecoli	ftsq_ecoli
P06136	FTSQ_ECOLI	* P0AD68	P06136	ftsi_ecoli	ftsq_ecoli
P06136	FTSQ_ECOLI	* P0AEN4	P06136	ftsl_ecoli	ftsq_ecoli
P06136	FTSQ_ECOLI	* P29131	P06136	ftsn_ecoli	ftsq_ecoli
P06136	FTSQ_ECOLI	* P29131	P06136	ftsn_ecoli	ftsq_ecoli
P06136	FTSQ_ECOLI	* P06136	P06136	ftsq_ecoli	ftsq_ecoli
P06136	FTSQ_ECOLI	* P0AC30	P06136	ftsx_ecoli	ftsq_ecoli
P06136	FTSQ_ECOLI	* P0AC30	P06136	ftsx_ecoli	ftsq_ecoli
P06136	FTSQ_ECOLI	* P58034	P06136	ymgf_ecoli	ftsq_ecoli
P06136	FTSQ_ECOLI	* P58034	P06136	ymgf_ecoli	ftsq_ecoli

P0AC30	FTSX_ECOLI	* P0AFW4	P0AC30	rnk_ecoli	ftsx_ecoli
P0AC30	FTSX_ECOLI	* P11663	P0AC30	yggd_ecoli	ftsx_ecoli
P0A9A6	FTSZ_ECOLI	* P0ABB4	P0A9A6	atpb_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P0A9H5	P0A9A6	btur_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P07364	P0A9A6	cher_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P0A964	P0A9A6	chew_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P0ABJ1	P0A9A6	cyoa_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P76250	P0A9A6	dmlr_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P0AEL6	P0A9A6	fepb_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P0A9R7	P0A9A6	ftse_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P68688	P0A9A6	glrx1_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P0AES4	P0A9A6	gyra_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P0A6H5	P0A9A6	hslu_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P0C054	P0A9A6	ibpa_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P62620	P0A9A6	ispg_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P0AFG6	P0A9A6	odo2_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P0AA25	P0A9A6	thio_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P45424	P0A9A6	yhch_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P46852	P0A9A6	yhhw_ecoli	ftsز_ecoli
P0A9A6	FTSZ_ECOLI	* P77173	P0A9A6	zipa_ecoli	ftsز_ecoli
P0AEN8	FUCM_ECOLI	* P31473	P0AEN8	rava_ecoli	fucm_ecoli
P0AC33	FUMA_ECOLI	* P0ACB0	P0AC33	dnab_ecoli	fuma_ecoli
P0AC33	FUMA_ECOLI	* P14407	P0AC33	fumb_ecoli	fuma_ecoli
P0AC33	FUMA_ECOLI	* P08142	P0AC33	ilvb_ecoli	fuma_ecoli
P0AC33	FUMA_ECOLI	* P76104	P0AC33	ydcp_ecoli	fuma_ecoli
P14407	FUMB_ECOLI	* P07363	P14407	chea_ecoli	fumb_ecoli
P14407	FUMB_ECOLI	* P07330	P14407	cheb_ecoli	fumb_ecoli
P14407	FUMB_ECOLI	* P0AC33	P14407	fuma_ecoli	fumb_ecoli
P14407	FUMB_ECOLI	* P33595	P14407	sgrr_ecoli	fumb_ecoli
P14407	FUMB_ECOLI	* P33941	P14407	yoji_ecoli	fumb_ecoli
P0A9A9	FUR_ECOLI	* P0A6A3	P0A9A9	acka_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P06134	P0A9A9	ada_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P61517	P0A9A9	can_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P21179	P0A9A9	cate_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P36649	P0A9A9	cueo_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0A6J1	P0A9A9	cysc_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P27296	P0A9A9	ding_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P65643	P0A9A9	eutt_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0ACC7	P0A9A9	glmu_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0AC69	P0A9A9	glrx4_ecoli	fur_ecoli

P0A9A9	FUR_ECOLI	* P09372	P0A9A9	grpe_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0AAN3	P0A9A9	hypb_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0A722	P0A9A9	lpxa_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P10441	P0A9A9	lpxb_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0A9F1	P0A9A9	mntr_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P12282	P0A9A9	moeb_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0AF08	P0A9A9	mrp_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0AF10	P0A9A9	mtlr_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P10902	P0A9A9	nadb_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0AFF6	P0A9A9	nusa_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0AFG6	P0A9A9	odo2_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0A9K3	P0A9A9	phol_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P31133	P0A9A9	potf_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0A8K1	P0A9A9	psd_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P24555	P0A9A9	ptrb_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P27241	P0A9A9	rfaz_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P77215	P0A9A9	rhmd_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P25539	P0A9A9	ribd_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0AEI4	P0A9A9	rimo_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P36999	P0A9A9	rlma_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0A7Z4	P0A9A9	rpoa_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0A9E2	P0A9A9	soxs_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0AA25	P0A9A9	thio_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P52097	P0A9A9	tils_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P33570	P0A9A9	tk2_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0A858	P0A9A9	tpis_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0AG11	P0A9A9	umud_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P77414	P0A9A9	wcaa_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0A8E5	P0A9A9	yacl_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P77634	P0A9A9	ybcm_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0A8J4	P0A9A9	ybed_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P76012	P0A9A9	ycgy_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P76064	P0A9A9	ydat_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P37774	P0A9A9	yecc_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P76407	P0A9A9	yegs_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P33360	P0A9A9	yehx_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P21437	P0A9A9	yggf_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0ADT5	P0A9A9	ygic_ecoli	fur_ecoli
P0A9A9	FUR_ECOLI	* P0A8W5	P0A9A9	yqge_ecoli	fur_ecoli
P37147	FXSA_ECOLI	none			
P0A9B2	G3P1_ECOLI	* P25553	P0A9B2	alda_ecoli	g3p1_ecoli
P0A9B2	G3P1_ECOLI	* P0A9H9	P0A9B2	chez_ecoli	g3p1_ecoli
P0A9B2	G3P1_ECOLI	* P32662	P0A9B2	gph_ecoli	g3p1_ecoli

P0A9B2	G3P1_ECOLI	*	P0A6W5	P0A9B2	grea_ecoli	g3p1_ecoli
P0A9B2	G3P1_ECOLI	*	P15038	P0A9B2	held_ecoli	g3p1_ecoli
P0A9B2	G3P1_ECOLI	*	P0AFH0	P0A9B2	ogt_ecoli	g3p1_ecoli
P0A9B2	G3P1_ECOLI	*	P39286	P0A9B2	rsga_ecoli	g3p1_ecoli
P0A9B2	G3P1_ECOLI	*	P0AA25	P0A9B2	thio_ecoli	g3p1_ecoli
P0A9B2	G3P1_ECOLI	*	P0AA25	P0A9B2	thio_ecoli	g3p1_ecoli
P0A9B2	G3P1_ECOLI	*	P0A850	P0A9B2	tig_ecoli	g3p1_ecoli
P0A9B2	G3P1_ECOLI	*	P0A890	P0A9B2	tusa_ecoli	g3p1_ecoli
P0A9B2	G3P1_ECOLI	*	P76464	P0A9B2	yfas_ecoli	g3p1_ecoli
P0A9B2	G3P1_ECOLI	*	P52126	P0A9B2	yfjk_ecoli	g3p1_ecoli
P0A9B2	G3P1_ECOLI	*	P0ADQ2	P0A9B2	yiid_ecoli	g3p1_ecoli
P0A9B2	G3P1_ECOLI	*	P0AF67	P0A9B2	yjee_ecoli	g3p1_ecoli
P0AC53	G6PD_ECOLI	*	P77624	P0AC53	arcm_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P17446	P0AC53	beti_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P13001	P0AC53	bioh_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P61517	P0AC53	can_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P00968	P0AC53	carb_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P36562	P0AC53	cobt_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P15877	P0AC53	dhg_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P26266	P0AC53	fepe_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P0AAN9	P0AC53	irap_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P04816	P0AC53	livk_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P00946	P0AC53	mana_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P37355	P0AC53	menh_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P16384	P0AC53	miaa_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P24205	P0AC53	msbb_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P09373	P0AC53	pflb_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P18133	P0AC53	pncb_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P0ADY1	P0AC53	ppid_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P0AG18	P0AC53	pure_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P33643	P0AC53	rlud_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P0AFW4	P0AC53	rnk_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P16095	P0AC53	sdhl_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P0A9E2	P0AC53	soxs_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P0A836	P0AC53	succ_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P36680	P0AC53	yacf_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P0A8E5	P0AC53	yacl_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P52096	P0AC53	yaer_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P0AAN5	P0AC53	yaia_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P77301	P0AC53	ybap_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P0AAS9	P0AC53	ybdd_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P77806	P0AC53	ybdl_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P77174	P0AC53	ybdm_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	*	P77216	P0AC53	ybdn_ecoli	g6pd_ecoli

P0AC53	G6PD_ECOLI	* P0AAV4	P0AC53	ybgj_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	* P0AA84	P0AC53	ybho_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	* P75791	P0AC53	ybiu_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	* P77704	P0AC53	ydji_ecoli	g6pd_ecoli
P0AC53	G6PD_ECOLI	* P46852	P0AC53	yhhw_ecoli	g6pd_ecoli
P0A6T1	G6PI_ECOLI	* P0C8J8	P0A6T1	gatz_ecoli	g6pi_ecoli
P0A6T1	G6PI_ECOLI	* P71229	P0A6T1	hyfr_ecoli	g6pi_ecoli
P0A6T1	G6PI_ECOLI	* P69405	P0A6T1	rca_s_ecoli	g6pi_ecoli
P0A6T1	G6PI_ECOLI	* P30137	P0A6T1	thie_ecoli	g6pi_ecoli
P0A6T1	G6PI_ECOLI	* P76423	P0A6T1	thim_ecoli	g6pi_ecoli
P0A6T1	G6PI_ECOLI	* P33919	P0A6T1	yejh_ecoli	g6pi_ecoli
P0A6T1	G6PI_ECOLI	* P37627	P0A6T1	yhij_ecoli	g6pi_ecoli
P63235	GADC_ECOLI	none			
P37639	GADX_ECOLI	* P0AEW4	P37639	icc_ecoli	gadx_ecoli
P37639	GADX_ECOLI	* P24218	P37639	intd_ecoli	gadx_ecoli
P37639	GADX_ECOLI	* P0A6L4	P37639	nana_ecoli	gadx_ecoli
P37639	GADX_ECOLI	* P00579	P37639	rpod_ecoli	gadx_ecoli
P09147	GALE_ECOLI	none			
P0AAB6	GALF_ECOLI	* P24174	P0AAB6	manc_ecoli	galf_ecoli
P0AAB6	GALF_ECOLI	* P23909	P0AAB6	muts_ecoli	galf_ecoli
P0AAB6	GALF_ECOLI	* P17802	P0AAB6	muty_ecoli	galf_ecoli
P0AAB6	GALF_ECOLI	* P17888	P0AAB6	pria_ecoli	galf_ecoli
P0AAB6	GALF_ECOLI	* P33643	P0AAB6	rlud_ecoli	galf_ecoli
P0AAB6	GALF_ECOLI	* P33020	P0AAB6	yeii_ecoli	galf_ecoli
P0AAB6	GALF_ECOLI	* P38521	P0AAB6	yggj_ecoli	galf_ecoli
P0AAB6	GALF_ECOLI	* P0ADT5	P0AAB6	ygic_ecoli	galf_ecoli
P0AAB6	GALF_ECOLI	* P0ACV8	P0AAB6	ymja_ecoli	galf_ecoli
P0A9C3	GALM_ECOLI	* P0AC28	P0A9C3	ygfa_ecoli	galm_ecoli
P03024	GALR_ECOLI	* P00892	P03024	ilvg_ecoli	galr_ecoli
P03024	GALR_ECOLI	* P21893	P03024	recj_ecoli	galr_ecoli
P0AEP3	GALU_ECOLI	* P0AAB6	P0AEP3	galf_ecoli	galu_ecoli
P0AEP3	GALU_ECOLI	* P0A7B3	P0AEP3	ppnk_ecoli	galu_ecoli
P0A9S3	GATD_ECOLI	* P0A850	P0A9S3	tig_ecoli	gatd_ecoli
P0C8J6	GATY_ECOLI	* P0A6F5	P0C8J6	ch60_ecoli	gaty_ecoli
P0C8J6	GATY_ECOLI	* P08622	P0C8J6	dnaj_ecoli	gaty_ecoli

POC8J6	GATY_ECOLI	*	P0A9A6	POC8J6	ftsz_ecoli	gaty_ecoli
POC8J6	GATY_ECOLI	*	P0C8J8	POC8J6	gatz_ecoli	gaty_ecoli
POC8J6	GATY_ECOLI	*	P0C054	POC8J6	ibpa_ecoli	gaty_ecoli
POC8J6	GATY_ECOLI	*	P0C058	POC8J6	ibpb_ecoli	gaty_ecoli
POC8J6	GATY_ECOLI	*	P0A9X4	POC8J6	mreb_ecoli	gaty_ecoli
POC8J6	GATY_ECOLI	*	P0AAH0	POC8J6	pstb_ecoli	gaty_ecoli
POC8J6	GATY_ECOLI	*	P36979	POC8J6	rlmn_ecoli	gaty_ecoli
POC8J8	GATZ_ECOLI	*	P69503	POC8J8	apt_ecoli	gatz_ecoli
POC8J8	GATZ_ECOLI	*	P0A9B2	POC8J8	g3p1_ecoli	gatz_ecoli
POC8J8	GATZ_ECOLI	*	P0A6W5	POC8J8	grea_ecoli	gatz_ecoli
POC8J8	GATZ_ECOLI	*	P0A6H5	POC8J8	hslu_ecoli	gatz_ecoli
POC8J8	GATZ_ECOLI	*	P23256	POC8J8	maly_ecoli	gatz_ecoli
POC8J8	GATZ_ECOLI	*	P0AF12	POC8J8	mtnn_ecoli	gatz_ecoli
POC8J8	GATZ_ECOLI	*	P0A7E9	POC8J8	pyrh_ecoli	gatz_ecoli
POC8J8	GATZ_ECOLI	*	P60723	POC8J8	rl4_ecoli	gatz_ecoli
POC8J8	GATZ_ECOLI	*	P10408	POC8J8	seca_ecoli	gatz_ecoli
POC8J8	GATZ_ECOLI	*	P0A8L1	POC8J8	sys_ecoli	gatz_ecoli
POC8J8	GATZ_ECOLI	*	P0A850	POC8J8	tig_ecoli	gatz_ecoli
POC8J9	GATZ_ECOLX					
P33195	GCSP_ECOLI	*	P0A9F3	P33195	cysb_ecoli	gcsp_ecoli
P33195	GCSP_ECOLI	*	P15038	P33195	held_ecoli	gcsp_ecoli
P33195	GCSP_ECOLI	*	P28630	P33195	hola_ecoli	gcsp_ecoli
P33195	GCSP_ECOLI	*	Q46920	P33195	quef_ecoli	gcsp_ecoli
P27248	GCST_ECOLI		none			
P75913	GHRA_ECOLI		none			
P0A9S5	GLDA_ECOLI	*	P0A850	P0A9S5	tig_ecoli	glda_ecoli
P37747	GLF_ECOLI	*	P11868	P37747	tdcd_ecoli	glf_ecoli
P0A6V8	GLK_ECOLI	*	P0A850	P0A6V8	tig_ecoli	glk_ecoli
P17169	GLMS_ECOLI	*	P62615	P17169	ispe_ecoli	glms_ecoli
P0A9C5	GLNA_ECOLI	*	P0A996	P0A9C5	glpc_ecoli	glna_ecoli
P0A9C5	GLNA_ECOLI	*	Q46915	P0A9C5	gudx_ecoli	glna_ecoli
P0A9C5	GLNA_ECOLI	*	P77150	P0A9C5	pdxyc_ecoli	glna_ecoli
P0A9C5	GLNA_ECOLI	*	P0A890	P0A9C5	tusa_ecoli	glna_ecoli
P27249	GLND_ECOLI	*	P05052	P27249	appy_ecoli	glnd_ecoli

P27249	GLND_ECOLI	*	P21179	P27249	cate_ecoli	glnd_ecoli
P27249	GLND_ECOLI	*	P23878	P27249	fepc_ecoli	glnd_ecoli
P27249	GLND_ECOLI	*	P10121	P27249	ftsy_ecoli	glnd_ecoli
P27249	GLND_ECOLI	*	P0A9Z1	P27249	glnb_ecoli	glnd_ecoli
P27249	GLND_ECOLI	*	P0A9Z1	P27249	glnb_ecoli	glnd_ecoli
P27249	GLND_ECOLI	*	P0AC55	P27249	glnk_ecoli	glnd_ecoli
P27249	GLND_ECOLI	*	P0AC88	P27249	gm4d_ecoli	glnd_ecoli
P27249	GLND_ECOLI	*	P28905	P27249	holc_ecoli	glnd_ecoli
P27249	GLND_ECOLI	*	P24205	P27249	msbb_ecoli	glnd_ecoli
P27249	GLND_ECOLI	*	P17443	P27249	murg_ecoli	glnd_ecoli
P27249	GLND_ECOLI	*	P76422	P27249	thid_ecoli	glnd_ecoli
P27249	GLND_ECOLI	*	P0AAQ2	P27249	yajd_ecoli	glnd_ecoli
P0AEQ3	GLNH_ECOLI		none			
P0AEQ6	GLNP_ECOLI		none			
P13035	GLPD_ECOLI	*	P77580	P13035	acdh_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0ACS9	P13035	acrr_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P00561	P13035	ak1h_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0ABB4	P13035	atpb_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0ABA4	P13035	atpd_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P17446	P13035	beti_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P11989	P13035	bglg_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P61517	P13035	can_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P00968	P13035	carb_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0A9H9	P13035	chez_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P69330	P13035	citd_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P36562	P13035	cobt_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	Q59385	P13035	copa_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0ABJ1	P13035	cyoa_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P11557	P13035	damx_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P69908	P13035	dcea_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P69908	P13035	dcea_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P15877	P13035	dhg_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0AEE8	P13035	dma_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P77510	P13035	dpib_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P15047	P13035	enta_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0ADI4	P13035	entb_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0ACC3	P13035	erpa_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0AEK2	P13035	fabg_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0AEL6	P13035	fepb_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P23878	P13035	fepc_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P26266	P13035	fepe_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0AEM0	P13035	fkbx_ecoli	glpd_ecoli

P13035	GLPD_ECOLI	*	P15286	P13035	flk_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P25437	P13035	frma_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0AAP3	P13035	frmr_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0A9S3	P13035	gatd_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P27249	P13035	glnd_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P23871	P13035	hemh_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P51020	P13035	hoa_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0AAN9	P13035	irap_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P00547	P13035	khse_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P22731	P13035	livf_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P10441	P13035	lpxb_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P43341	P13035	lpxh_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P77397	P13035	mhpa_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0ABR9	P13035	mhpb_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P33358	P13035	mlra_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P24205	P13035	msbb_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P17443	P13035	murg_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0A9K7	P13035	phou_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P23869	P13035	ppib_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0ADY1	P13035	ppid_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0AAH0	P13035	pstb_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P33025	P13035	psug_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P77756	P13035	quec_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0A7H0	P13035	refc_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P24173	P13035	rfac_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0AG40	P13035	ribf_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P33643	P13035	rlud_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0AGB6	P13035	rpoe_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P00956	P13035	syi_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P30136	P13035	thic_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P75728	P13035	ubif_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P17993	P13035	ubig_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P39177	P13035	uspg_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P27836	P13035	wecg_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P36680	P13035	yacf_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0A8E5	P13035	yacl_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P36879	P13035	yadg_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0A8D3	P13035	yaii_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P77301	P13035	ybap_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0AFP4	P13035	ybbo_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0AAS9	P13035	ybdd_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P45579	P13035	ybdh_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0AA84	P13035	ybho_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0AAW1	P13035	ybhp_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P77337	P13035	ydis_ecoli	glpd_ecoli

P13035	GLPD_ECOLI	*	P0A959	P13035	yfbq_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P77775	P13035	yfch_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P09996	P13035	yidb_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0ACM9	P13035	yihl_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P32162	P13035	yiis_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	P0AF76	P13035	yjfi_ecoli	glpd_ecoli
P13035	GLPD_ECOLI	*	Q46856	P13035	yqhd_ecoli	glpd_ecoli
P0A6F3	GLPK_ECOLI	*	P0ACN4	P0A6F3	allr_ecoli	glpk_ecoli
P0A6F3	GLPK_ECOLI	*	P76215	P0A6F3	aste_ecoli	glpk_ecoli
P0A6F3	GLPK_ECOLI	*	P0AE72	P0A6F3	chpr_ecoli	glpk_ecoli
P0A6F3	GLPK_ECOLI	*	P0A9Y6	P0A6F3	cspc_ecoli	glpk_ecoli
P0A6F3	GLPK_ECOLI	*	P0ABS1	P0A6F3	dksa_ecoli	glpk_ecoli
P0A6F3	GLPK_ECOLI	*	P76250	P0A6F3	dmlr_ecoli	glpk_ecoli
P0A6F3	GLPK_ECOLI	*	P0A6P9	P0A6F3	eno_ecoli	glpk_ecoli
P0A6F3	GLPK_ECOLI	*	P0A9R4	P0A6F3	fer_ecoli	glpk_ecoli
P0A6F3	GLPK_ECOLI	*	P0A9H1	P0A6F3	mug_ecoli	glpk_ecoli
P0A6F3	GLPK_ECOLI	*	P0A8E5	P0A6F3	yacl_ecoli	glpk_ecoli
P0A6F3	GLPK_ECOLI	*	P33916	P0A6F3	yejf_ecoli	glpk_ecoli
P0A6F3	GLPK_ECOLI	*	P77196	P0A6F3	yfcu_ecoli	glpk_ecoli
P0A6F3	GLPK_ECOLI	*	P76513	P0A6F3	yfdq_ecoli	glpk_ecoli
P0A6F3	GLPK_ECOLI	*	P67080	P0A6F3	yggg_ecoli	glpk_ecoli
P0A6F3	GLPK_ECOLI	*	P77379	P0A6F3	ykgd_ecoli	glpk_ecoli
P0AC59	GLRX2_ECOLI	*	P0A8F4	P0AC59	urk_ecoli	glrx2_ecoli
P0AC62	GLRX3_ECOLI	*	P33025	P0AC62	psug_ecoli	glrx3_ecoli
P0AC69	GLRX4_ECOLI	*	P0ABE2	P0AC69	bola_ecoli	glrx4_ecoli
P77454	GLSA1_ECOLI		none			
P09831	GLTB_ECOLI	*	P37617	P09831	atzn_ecoli	gltb_ecoli
P09831	GLTB_ECOLI	*	P77488	P09831	dxs_ecoli	gltb_ecoli
P09831	GLTB_ECOLI	*	P0ADI4	P09831	entb_ecoli	gltb_ecoli
P09831	GLTB_ECOLI	*	P0AEM0	P09831	fbx_ecoli	gltb_ecoli
P09831	GLTB_ECOLI	*	P09832	P09831	glt_d_ecoli	gltb_ecoli
P09831	GLTB_ECOLI	*	P09832	P09831	glt_d_ecoli	gltb_ecoli
P09831	GLTB_ECOLI	*	P06987	P09831	his7_ecoli	gltb_ecoli
P09831	GLTB_ECOLI	*	P13009	P09831	meth_ecoli	gltb_ecoli
P09831	GLTB_ECOLI	*	P37757	P09831	ydde_ecoli	gltb_ecoli
P09832	GLTD_ECOLI	*	P24240	P09832	ascb_ecoli	glt_d_ecoli
P09832	GLTD_ECOLI	*	P11880	P09832	murf_ecoli	glt_d_ecoli
P09832	GLTD_ECOLI	*	P31600	P09832	nfra_ecoli	glt_d_ecoli

P09832	GLTD_ECOLI	*	P21889	P09832	syd_ecoli	glt_d_ecoli
P09832	GLTD_ECOLI	*	P17994	P09832	yfaa_ecoli	glt_d_ecoli
P0A825	GLYA_ECOLI	*	P0A6A3	P0A825	acka_ecoli	glya_ecoli
P0A825	GLYA_ECOLI	*	P24232	P0A825	hmp_ecoli	glya_ecoli
P0A825	GLYA_ECOLI	*	P38393	P0A825	kil_ecoli	glya_ecoli
P63224	GMHA_ECOLI		none			
P63228	GMHB_ECOLI	*	P13024	P63228	fdhe_ecoli	gmhb_ecoli
P63228	GMHB_ECOLI	*	P00579	P63228	rpod_ecoli	gmhb_ecoli
P0AC92	GNSA_ECOLI	*	P0A6Z1	P0AC92	hsca_ecoli	gnsa_ecoli
P0AC92	GNSA_ECOLI	*	P38393	P0AC92	kil_ecoli	gnsa_ecoli
P77695	GNSB_ECOLI		none			
P0ACP5	GNTR_ECOLI		none			
P46846	GNTX_ECOLI		none			
P0A6S7	GPDA_ECOLI		none			
P62707	GPMA_ECOLI	*	P0A9C3	P62707	galm_ecoli	gpma_ecoli
P62707	GPMA_ECOLI	*	P0C054	P62707	ibpa_ecoli	gpma_ecoli
P62707	GPMA_ECOLI	*	P75792	P62707	suph_ecoli	gpma_ecoli
P62707	GPMA_ECOLI	*	P71296	P62707	yagm_ecoli	gpma_ecoli
P0A7A2	GPMB_ECOLI	*	P0AE76	P0A7A2	cobu_ecoli	gpmb_ecoli
P0A7A2	GPMB_ECOLI	*	P0A6H5	P0A7A2	hslu_ecoli	gpmb_ecoli
P0A7A2	GPMB_ECOLI	*	P0AFD6	P0A7A2	nuoi_ecoli	gpmb_ecoli
P0A7A2	GPMB_ECOLI	*	P75713	P0A7A2	ylba_ecoli	gpmb_ecoli
P37689	GPMI_ECOLI	*	P0AE08	P37689	ahpc_ecoli	gpmi_ecoli
P37689	GPMI_ECOLI	*	P62707	P37689	gpma_ecoli	gpmi_ecoli
P68066	GRCA_ECOLI	*	P09373	P68066	pflb_ecoli	grca_ecoli
P68066	GRCA_ECOLI	*	P09373	P68066	pflb_ecoli	grca_ecoli
P68066	GRCA_ECOLI	*	P77756	P68066	quec_ecoli	grca_ecoli
P68066	GRCA_ECOLI	*	P0A9K9	P68066	slyd_ecoli	grca_ecoli
P68066	GRCA_ECOLI	*	P0A8N5	P68066	syk2_ecoli	grca_ecoli
P68066	GRCA_ECOLI	*	P0A858	P68066	tpis_ecoli	grca_ecoli
P68066	GRCA_ECOLI	*	P0A858	P68066	tpis_ecoli	grca_ecoli
P68066	GRCA_ECOLI	*	P75990	P68066	ycgf_ecoli	grca_ecoli

P0A6W5	GREA_ECOLI	*	P24182	P0A6W5	acc_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P0A6A3	P0A6W5	acka_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P0A6G7	P0A6W5	clpp_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P0ACF4	P0A6W5	dbhb_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P00861	P0A6W5	dcda_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P0ABS1	P0A6W5	dksa_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P23484	P0A6W5	feci_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P0AEM0	P0A6W5	fkbx_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P37147	P0A6W5	fxsa_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P09372	P0A6W5	grpe_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P77319	P0A6W5	hsc_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P0A705	P0A6W5	if2_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P0A6B7	P0A6W5	iscs_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P76356	P0A6W5	p76358_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P0A7L8	P0A6W5	rl27_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P0A7Z4	P0A6W5	rpoa_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P0AFZ3	P0A6W5	sspb_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P37610	P0A6W5	taud_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P75991	P0A6W5	ycgz_e_coli	grea_e_coli
P0A6W5	GREA_ECOLI	*	P32162	P0A6W5	yiis_e_coli	grea_e_coli
P09372	GRPE_ECOLI	*	P0A6F5	P09372	ch60_e_coli	grpe_e_coli
P09372	GRPE_ECOLI	*	P0A6H1	P09372	clpx_e_coli	grpe_e_coli
P09372	GRPE_ECOLI	*	P0A6Y8	P09372	dnak_e_coli	grpe_e_coli
P09372	GRPE_ECOLI	*	P0A6Y8	P09372	dnak_e_coli	grpe_e_coli
P09372	GRPE_ECOLI	*	P0A6Y8	P09372	dnak_e_coli	grpe_e_coli
P09372	GRPE_ECOLI	*	P76556	P09372	eutp_e_coli	grpe_e_coli
P09372	GRPE_ECOLI	*	P28630	P09372	hola_e_coli	grpe_e_coli
P09372	GRPE_ECOLI	*	P0A705	P09372	if2_e_coli	grpe_e_coli
P09372	GRPE_ECOLI	*	P31473	P09372	rava_e_coli	grpe_e_coli
P09372	GRPE_ECOLI	*	P33644	P09372	yfih_e_coli	grpe_e_coli
P23893	GSA_ECOLI		none			
P0A6W9	GSH1_ECOLI	*	P0AF90	P0A6W9	yjgd_e_coli	gsh1_e_coli
P06715	GSHR_ECOLI	*	P65870	P06715	qued_e_coli	gshr_e_coli
P06715	GSHR_ECOLI	*	P64540	P06715	yfcl_e_coli	gshr_e_coli
P45759	GSPE_ECOLI		none			
P0A9D2	GST_ECOLI	*	P0AFI7	P0A9D2	pdxh_e_coli	gst_e_coli
P04079	GUAA_ECOLI	*	P26612	P04079	amy2_e_coli	guaa_e_coli
P04079	GUAA_ECOLI	*	P66817	P04079	diaa_e_coli	guaa_e_coli

P04079	GUAA_ECOLI	*	P23843	P04079	oppa_ecoli	guaa_ecoli
P04079	GUAA_ECOLI	*	P06992	P04079	rsma_ecoli	guaa_ecoli
P04079	GUAA_ECOLI	*	P75745	P04079	ybgk_ecoli	guaa_ecoli
P04079	GUAA_ECOLI	*	P76419	P04079	yegv_ecoli	guaa_ecoli
POAES4	GYRA_ECOLI	*	P24177	POAES4	acrd_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P0A6G7	POAES4	clpp_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P0A6Y8	POAES4	dnak_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P13024	POAES4	fdhe_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P26608	POAES4	flis_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P0AES4	POAES4	gyra_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P0AES6	POAES4	gyrb_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P0AES6	POAES4	gyrb_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P0AES6	POAES4	gyrb_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P77319	POAES4	hscg_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P0A715	POAES4	kdsa_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P77432	POAES4	lsrk_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P0AF03	POAES4	mog_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P0A9X4	POAES4	mreb_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P24205	POAES4	msbb_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P0AFI2	POAES4	parc_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P0A7Q6	POAES4	rl36_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P0A7W1	POAES4	rs5_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P28043	POAES4	ssb2_ecolx	gyra_ecoli
POAES4	GYRA_ECOLI	*	P0A832	POAES4	ssrp_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P0A8H8	POAES4	yacg_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P0A8H8	POAES4	yacg_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P38036	POAES4	ygcb_ecoli	gyra_ecoli
POAES4	GYRA_ECOLI	*	P39279	POAES4	yjej_ecoli	gyra_ecoli
POAES6	GYRB_ECOLI	*	P0AES4	POAES6	gyra_ecoli	gyrb_ecoli
POAES6	GYRB_ECOLI	*	P0AES4	POAES6	gyra_ecoli	gyrb_ecoli
POAES6	GYRB_ECOLI	*	P30750	POAES6	metn_ecoli	gyrb_ecoli
POAES6	GYRB_ECOLI	*	P30745	POAES6	moaa_ecoli	gyrb_ecoli
POAES6	GYRB_ECOLI	*	P0A7I4	POAES6	rf3_ecoli	gyrb_ecoli
POAES6	GYRB_ECOLI	*	P36979	POAES6	rlmn_ecoli	gyrb_ecoli
POAES6	GYRB_ECOLI	*	P0A7W1	POAES6	rs5_ecoli	gyrb_ecoli
POAES6	GYRB_ECOLI	*	P0A832	POAES6	ssrp_ecoli	gyrb_ecoli
POAES6	GYRB_ECOLI	*	P0A8H8	POAES6	yacg_ecoli	gyrb_ecoli
POAES6	GYRB_ECOLI	*	P0A8H8	POAES6	yacg_ecoli	gyrb_ecoli
P33012	GYRI_ECOLI		none			
P31658	HCHA_ECOLI	*	P0ACI6	P31658	asnc_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P17446	P31658	beti_ecoli	hcha_ecoli

P31658	HCHA_ECOLI	*	P36561	P31658	cobs_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P36995	P31658	cspb_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P0A972	P31658	cspe_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P0A978	P31658	cspg_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P0A986	P31658	cspi_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P21156	P31658	cysd_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P19636	P31658	eutc_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P0A953	P31658	fabb_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P0A9R7	P31658	ftse_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P23871	P31658	hemh_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P16433	P31658	hycg_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P0A9S7	P31658	livg_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P76114	P31658	mabr_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P0ACR9	P31658	mpa_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P31802	P31658	narp_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P0AFI0	P31658	oxc_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P18133	P31658	pncb_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P55799	P31658	prp2_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P0A7E5	P31658	pyrg_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P15033	P31658	racc_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P0AFX4	P31658	rsd_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P52108	P31658	rsta_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P05707	P31658	srlc_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P0ACT6	P31658	uidr_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P76204	P31658	ydiv_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P0A959	P31658	yfbq_ecoli	hcha_ecoli
P31658	HCHA_ECOLI	*	P52126	P31658	yfjk_ecoli	hcha_ecoli
P75824	HCR_ECOLI	none				
POAES9	HDEA_ECOLI	none				
POAET2	HDEB_ECOLI	none				
POA8R9	HDFR_ECOLI	none				
POAET8	HDHA_ECOLI	*	P52076	POAET8	qseb_ecoli	hdha_ecoli
POAET8	HDHA_ECOLI	*	P16525	POAET8	tus_ecoli	hdha_ecoli
P15038	HELD_ECOLI	*	P0ABJ1	P15038	cyoa_ecoli	held_ecoli
P15038	HELD_ECOLI	*	P0A6J8	P15038	ddla_ecoli	held_ecoli
P15038	HELD_ECOLI	*	P10443	P15038	dpo3a_ecoli	held_ecoli
P15038	HELD_ECOLI	*	P75780	P15038	fiu_ecoli	held_ecoli
P15038	HELD_ECOLI	*	P61949	P15038	flav_ecoli	held_ecoli
P15038	HELD_ECOLI	*	P06987	P15038	his7_ecoli	held_ecoli

P15038	HELD_ECOLI	* P77319	P15038	hscg_ecoli	held_ecoli
P15038	HELD_ECOLI	* P0ABR9	P15038	mhpb_ecoli	held_ecoli
P15038	HELD_ECOLI	* P37095	P15038	pepb_ecoli	held_ecoli
P15038	HELD_ECOLI	* P0AFW4	P15038	rnk_ecoli	held_ecoli
P15038	HELD_ECOLI	* P00961	P15038	sygb_ecoli	held_ecoli
P15038	HELD_ECOLI	* P31443	P15038	yidf_ecoli	held_ecoli
P0ACB2	HEM2_ECOLI	* P10121	P0ACB2	ftsy_ecoli	hem2_ecoli
P0ACB2	HEM2_ECOLI	* P41409	P0ACB2	riha_ecoli	hem2_ecoli
P0ABC3	HFLC_ECOLI	* P0AAI3	P0ABC3	ftsh_ecoli	hflc_ecoli
P0ABC3	HFLC_ECOLI	* A8A6G7	P0ABC3	oxaa_ecohs	hflc_ecoli
P0ABC3	HFLC_ECOLI	* P05459	P0ABC3	pdxb_ecoli	hflc_ecoli
P0ABC3	HFLC_ECOLI	* P21437	P0ABC3	yggf_ecoli	hflc_ecoli
P0ABC7	HFLK_ECOLI	* P0A964	P0ABC7	chew_ecoli	hflk_ecoli
P0ABC7	HFLK_ECOLI	* P0ABJ1	P0ABC7	cyoa_ecoli	hflk_ecoli
P0ABC7	HFLK_ECOLI	* P0AEL6	P0ABC7	fepb_ecoli	hflk_ecoli
P0ABC7	HFLK_ECOLI	* P34749	P0ABC7	hofq_ecoli	hflk_ecoli
P0ABC7	HFLK_ECOLI	* P0AFG3	P0ABC7	odo1_ecoli	hflk_ecoli
P0ABC7	HFLK_ECOLI	* A8A6G7	P0ABC7	oxaa_ecohs	hflk_ecoli
P0ABC7	HFLK_ECOLI	* P23869	P0ABC7	ppib_ecoli	hflk_ecoli
P0ABC7	HFLK_ECOLI	* P37903	P0ABC7	uspf_ecoli	hflk_ecoli
P0ABC7	HFLK_ECOLI	* P0AD05	P0ABC7	yeca_ecoli	hflk_ecoli
P25519	HFLX_ECOLI	none			
P0A6X3	HFQ_ECOLI	* P19926	P0A6X3	agp_ecoli	hfq_ecoli
P0A6X3	HFQ_ECOLI	* P0A9X9	P0A6X3	cspa_ecoli	hfq_ecoli
P0A6X3	HFQ_ECOLI	* P36995	P0A6X3	cspb_ecoli	hfq_ecoli
P0A6X3	HFQ_ECOLI	* P0A9Y6	P0A6X3	cspc_ecoli	hfq_ecoli
P0A6X3	HFQ_ECOLI	* P0A972	P0A6X3	cspe_ecoli	hfq_ecoli
P0A6X3	HFQ_ECOLI	* P0ABT2	P0A6X3	dps_ecoli	hfq_ecoli
P0A6X3	HFQ_ECOLI	* P0AEH5	P0A6X3	elab_ecoli	hfq_ecoli
P0A6X3	HFQ_ECOLI	* P26608	P0A6X3	flis_ecoli	hfq_ecoli
P0A6X3	HFQ_ECOLI	* P0A722	P0A6X3	lpxa_ecoli	hfq_ecoli
P0A6X3	HFQ_ECOLI	* P0A799	P0A6X3	pgk_ecoli	hfq_ecoli
P0A6X3	HFQ_ECOLI	* P30235	P0A6X3	psuk_ecoli	hfq_ecoli
P0A6X3	HFQ_ECOLI	* P21513	P0A6X3	rne_ecoli	hfq_ecoli
P0A6X3	HFQ_ECOLI	* P06612	P0A6X3	top1_ecoli	hfq_ecoli
P0A6X3	HFQ_ECOLI	* P0A8E5	P0A6X3	yacl_ecoli	hfq_ecoli
P0A6X3	HFQ_ECOLI	* P0AD07	P0A6X3	yecf_ecoli	hfq_ecoli
P0A6X3	HFQ_ECOLI	* P0AF76	P0A6X3	yjfi_ecoli	hfq_ecoli
P0A6X3	HFQ_ECOLI	* P76280	P0A6X3	yobb_ecoli	hfq_ecoli

P0ACE7	HINT_ECOLI	* P36979	P0ACE7	rlmn_ecoli	hint_ecoli
P60757	HIS1_ECOLI	* P75931	P60757	mvim_ecoli	his1_ecoli
P10371	HIS4_ECOLI	* P00903	P10371	paba_ecoli	his4_ecoli
P06987	HIS7_ECOLI	* P0A850	P06987	tig_ecoli	his7_ecoli
P06986	HIS8_ECOLI	* P0A6Y8	P06986	dnak_ecoli	his8_ecoli
P67910	HLDD_ECOLI	* P33224	P67910	aidb_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P0A6F9	P67910	ch10_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P0A6F9	P67910	ch10_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P0A6G7	P67910	clpp_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P0A6G7	P67910	clpp_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P00393	P67910	dhna_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P0ABT2	P67910	dps_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P0ABT2	P67910	dps_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P76503	P67910	fadi_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P0ACP1	P67910	frur_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P0A9R7	P67910	ftse_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P0CI31	P67910	hcab_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P16528	P67910	iclr_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P0A7A9	P67910	ipyr_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P62617	P67910	ispf_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P0A715	P67910	kdsa_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P33232	P67910	lidd_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P21645	P67910	lpxd_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P0ABU0	P67910	menb_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P0ABU0	P67910	menb_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P09152	P67910	narg_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P61714	P67910	risb_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P61714	P67910	risb_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P0CG19	P67910	rnph_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P25534	P67910	ubih_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P39177	P67910	uspg_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P0A8C1	P67910	ybjq_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P75829	P67910	ybjx_ecoli	hldd_ecoli
P67910	HLDD_ECOLI	* P64476	P67910	ydiH_ecoli	hldd_ecoli
P76658	HLDE_ECOLI	none			
P08715	HLYAP_ECOLX	none			
P0ACF8	HNS_ECOLI	* P0AE60	P0ACF8	ceda_ecoli	hns_ecoli

POACF8	HNS_ECOLI	*	P0A9Y6	POACF8	cspc_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P0ACF4	POACF8	dbhb_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P00582	POACF8	dpo1_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P61949	POACF8	flav_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P0ABS8	POACF8	hole_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P68739	POACF8	nfi_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P42641	POACF8	obg_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P77181	POACF8	paay_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P29745	POACF8	pept_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P07013	POACF8	prib_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P0A7E9	POACF8	pyrh_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P0A7S3	POACF8	rs12_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P0A8I1	POACF8	ruvx_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P27253	POACF8	sbm_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P06612	POACF8	top1_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P33225	POACF8	tora_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P0A8F8	POACF8	uvrb_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P03018	POACF8	uvrd_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P0AB28	POACF8	yced_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P37052	POACF8	ychj_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P77721	POACF8	ydjf_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P0A8A2	POACF8	yeen_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P0AD21	POACF8	yejg_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P09996	POACF8	yidb_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P32162	POACF8	yiis_ecoli	hns_ecoli
POACF8	HNS_ECOLI	*	P65367	POACF8	yqca_ecoli	hns_ecoli

Q57160	HPAB_ECOLX	none
Q46978	HPAG_ECOLX	none
P37352	HPCE_ECOLX	none
Q47098	HPCH_ECOLX	none
P0A9M2	HPRT_ECOLI	none

P43329	HRPA_ECOLI	*	P0A9Y6	P43329	cspc_ecoli	hrpa_ecoli
P43329	HRPA_ECOLI	*	P0A972	P43329	cspe_ecoli	hrpa_ecoli
P43329	HRPA_ECOLI	*	P0A9P6	P43329	dead_ecoli	hrpa_ecoli
P43329	HRPA_ECOLI	*	P00582	P43329	dpo1_ecoli	hrpa_ecoli
P43329	HRPA_ECOLI	*	P0ABT2	P43329	dps_ecoli	hrpa_ecoli
P43329	HRPA_ECOLI	*	P0A6X3	P43329	hfq_ecoli	hrpa_ecoli
P43329	HRPA_ECOLI	*	P76558	P43329	mao2_ecoli	hrpa_ecoli
P43329	HRPA_ECOLI	*	P36979	P43329	rlmn_ecoli	hrpa_ecoli

P43329	HRPA_ECOLI	* P37765	P43329	rlub_ecoli	hrpa_ecoli
P43329	HRPA_ECOLI	* P37765	P43329	rlub_ecoli	hrpa_ecoli
P43329	HRPA_ECOLI	* P0AA39	P43329	rluc_ecoli	hrpa_ecoli
P43329	HRPA_ECOLI	* P0AG24	P43329	spot_ecoli	hrpa_ecoli
P43329	HRPA_ECOLI	* P0A8I5	P43329	trmb_ecoli	hrpa_ecoli
P0A6Z1	HSCA_ECOLI	* P36659	P0A6Z1	cbpa_ecoli	hsc_a_ecoli
P0A6Z1	HSCA_ECOLI	* P0A6Y8	P0A6Z1	dnak_ecoli	hsc_a_ecoli
P0A6Z1	HSCA_ECOLI	* P0ACD4	P0A6Z1	nifu_ecoli	hsc_a_ecoli
P0A6Z1	HSCA_ECOLI	* P0ACD4	P0A6Z1	nifu_ecoli	hsc_a_ecoli
P0A6Z1	HSCA_ECOLI	* P77509	P0A6Z1	yphe_ecoli	hsc_a_ecoli
P0A6Y5	HSLO_ECOLI	none			
P0ACG8	HSLR_ECOLI	* P77319	P0ACG8	hsc_c_ecoli	hsl_r_ecoli
P0A6H5	HSLU_ECOLI	* P0ABJ1	P0A6H5	cyoa_ecoli	hsl_u_ecoli
P0A6H5	HSLU_ECOLI	* P0A6H5	P0A6H5	hsl_u_ecoli	hsl_u_ecoli
P0A6H5	HSLU_ECOLI	* P0A7B8	P0A6H5	hsl_v_ecoli	hsl_u_ecoli
P0A6H5	HSLU_ECOLI	* P26648	P0A6H5	sufi_ecoli	hsl_u_ecoli
P0A6H5	HSLU_ECOLI	* P0AA25	P0A6H5	thio_ecoli	hsl_u_ecoli
P0A6H5	HSLU_ECOLI	* P0AA25	P0A6H5	thio_ecoli	hsl_u_ecoli
P0A6H5	HSLU_ECOLI	* P77721	P0A6H5	ydj_f_ecoli	hsl_u_ecoli
P0A7B8	HSLV_ECOLI	* P0A6H5	P0A7B8	hsl_u_ecoli	hsl_v_ecoli
P0A7B8	HSLV_ECOLI	* P0A6H5	P0A7B8	hsl_u_ecoli	hsl_v_ecoli
P0A7B8	HSLV_ECOLI	* P0A6H5	P0A7B8	hsl_u_ecoli	hsl_v_ecoli
P0A7B8	HSLV_ECOLI	* P0A6H5	P0A7B8	hsl_u_ecoli	hsl_v_ecoli
P0A7B8	HSLV_ECOLI	* P0A6H5	P0A7B8	hsl_u_ecoli	hsl_v_ecoli
P0A7B8	HSLV_ECOLI	* P0A6H5	P0A7B8	hsl_u_ecoli	hsl_v_ecoli
P0A7B8	HSLV_ECOLI	* P0A7B8	P0A7B8	hsl_v_ecoli	hsl_v_ecoli
P0A6Z3	HTPG_ECOLI	* P42907	P0A6Z3	agas_ecoli	htpg_ecoli
P0A6Z3	HTPG_ECOLI	* P05637	P0A6Z3	apah_ecoli	htpg_ecoli
P0A6Z3	HTPG_ECOLI	* P0A6F9	P0A6Z3	ch10_ecoli	htpg_ecoli
P0A6Z3	HTPG_ECOLI	* P0A8Q6	P0A6Z3	clps_ecoli	htpg_ecoli
P0A6Z3	HTPG_ECOLI	* P0ABJ1	P0A6Z3	cyoa_ecoli	htpg_ecoli
P0A6Z3	HTPG_ECOLI	* P0ACF4	P0A6Z3	dbh_b_ecoli	htpg_ecoli
P0A6Z3	HTPG_ECOLI	* P0AEE8	P0A6Z3	dma_ecoli	htpg_ecoli
P0A6Z3	HTPG_ECOLI	* P0A6Y8	P0A6Z3	dnak_ecoli	htpg_ecoli
P0A6Z3	HTPG_ECOLI	* P10805	P0A6Z3	envy_ecoli	htpg_ecoli
P0A6Z3	HTPG_ECOLI	* P04993	P0A6Z3	ex5a_ecoli	htpg_ecoli
P0A6Z3	HTPG_ECOLI	* P68688	P0A6Z3	glrx1_ecoli	htpg_ecoli
P0A6Z3	HTPG_ECOLI	* P31450	P0A6Z3	glv_g_ecoli	htpg_ecoli
P0A6Z3	HTPG_ECOLI	* P23871	P0A6Z3	hemh_ecoli	htpg_ecoli

POA6Z3	HTPG_ECOLI	*	P0A6L9	P0A6Z3	hscb_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P77329	P0A6Z3	hyfg_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P69441	P0A6Z3	kad_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P09151	P0A6Z3	leu1_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P22731	P0A6Z3	livf_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P0A9I5	P0A6Z3	napd_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P27896	P0A6Z3	narq_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P76577	P0A6Z3	pbpc_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P69411	P0A6Z3	rscf_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P37692	P0A6Z3	rfaf_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P30850	P0A6Z3	rnb_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P0A8T7	P0A6Z3	rpoc_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P0A7V0	P0A6Z3	rs2_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P0AFZ3	P0A6Z3	sspb_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P0ACG1	P0A6Z3	stpa_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P0AA25	P0A6Z3	thio_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P0AA25	P0A6Z3	thio_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P0A850	P0A6Z3	tig_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P00895	P0A6Z3	trpe_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P07024	P0A6Z3	usha_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P75682	P0A6Z3	yage_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P77169	P0A6Z3	yagj_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P77324	P0A6Z3	yags_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P77806	P0A6Z3	ybdl_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P75767	P0A6Z3	ybhk_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P0AAX8	P0A6Z3	ybis_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P0AB06	P0A6Z3	ycbk_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P0AB24	P0A6Z3	ycdo_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P0ACX5	P0A6Z3	ydhz_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P76270	P0A6Z3	yebr_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P64524	P0A6Z3	yeev_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P76594	P0A6Z3	yfiq_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	Q46901	P0A6Z3	ygcl_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	Q46802	P0A6Z3	ygev_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P11290	P0A6Z3	yibd_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	P76257	P0A6Z3	yoaa_ecoli	htpg_ecoli
POA6Z3	HTPG_ECOLI	*	Q46808	P0A6Z3	yqeb_ecoli	htpg_ecoli
P37180	HYBB_ECOLI		none			
P37182	HYBD_ECOLI	*	P0AGJ5	P37182	yfif_ecoli	hybd_ecoli
POAEV4	HYCA_ECOLI		none			
POAAK1	HYCB_ECOLI		none			

P77423	HYFH_ECOLI	none				
P30131	HYPF_ECOLI	none				
P39377	IADA_ECOLI	none				
P16528	ICLR_ECOLI	none				
P08200	IDH_ECOLI	* P0AA25	P08200	thio_ecoli	idh_ecoli	
P08200	IDH_ECOLI	* P0AA25	P08200	thio_ecoli	idh_ecoli	
P69222	IF1_ECOLI	* P0A8P1	P69222	lftr_ecoli	if1_ecoli	
P0A705	IF2_ECOLI	* P0ABD5	P0A705	acca_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P63284	P0A705	clpb_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P36995	P0A705	cspb_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P08622	P0A705	dnaj_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P0ADI4	P0A705	entb_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P0AEM6	P0A705	flia_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P15038	P0A705	held_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P28630	P0A705	hola_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P71229	P0A705	hyfr_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P0C054	P0A705	ibpa_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P77432	P0A705	lsrk_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P0AFF6	P0A705	nusa_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P0AFF6	P0A705	nusa_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P0AFF6	P0A705	nusa_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P31473	P0A705	rava_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P36979	P0A705	rlmn_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P27434	P0A705	rodz_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P00579	P0A705	rpod_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P00579	P0A705	rpod_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P0A6U5	P0A705	rsmg_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P0AFZ3	P0A705	sspb_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P0A832	P0A705	ssrp_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P0AD05	P0A705	yeca_ecoli	if2_ecoli	
P0A705	IF2_ECOLI	* P0A8A2	P0A705	yeen_ecoli	if2_ecoli	
P0A707	IF3_ECOLI	* P36659	P0A707	cbpa_ecoli	if3_ecoli	
P0A707	IF3_ECOLI	* P36979	P0A707	rlmn_ecoli	if3_ecoli	
P0A707	IF3_ECOLI	* P21499	P0A707	rnr_ecoli	if3_ecoli	
P0A707	IF3_ECOLI	* P10408	P0A707	seca_ecoli	if3_ecoli	
P0A6X7	IHFA_ECOLI	* P0ACF4	P0A6X7	dbhb_ecoli	ihfa_ecoli	

P0A6X7	IHFA_ECOLI	* P0AFS3	P0A6X7	folm_ecoli	ihfa_ecoli
P0A6X7	IHFA_ECOLI	* P0A6Y1	P0A6X7	ihfb_ecoli	ihfa_ecoli
P0A6X7	IHFA_ECOLI	* P0AAN9	P0A6X7	irap_ecoli	ihfa_ecoli
P0A6X7	IHFA_ECOLI	* P43341	P0A6X7	lpxh_ecoli	ihfa_ecoli
P0A6X7	IHFA_ECOLI	* P30958	P0A6X7	mfd_ecoli	ihfa_ecoli
P0A6X7	IHFA_ECOLI	* Q46865	P0A6X7	mqsr_ecoli	ihfa_ecoli
P0A6X7	IHFA_ECOLI	* P68739	P0A6X7	nfi_ecoli	ihfa_ecoli
P0A6X7	IHFA_ECOLI	* P21499	P0A6X7	rnrr_ecoli	ihfa_ecoli
P0A6X7	IHFA_ECOLI	* P0AGJ5	P0A6X7	yfif_ecoli	ihfa_ecoli
P0A6Y1	IHFB_ECOLI	* P0ACF4	P0A6Y1	dbhb_ecoli	ihfb_ecoli
P0A6Y1	IHFB_ECOLI	* P0ABW0	P0A6Y1	hcac_ecoli	ihfb_ecoli
P0A6Y1	IHFB_ECOLI	* P0A6X7	P0A6Y1	ihfa_ecoli	ihfb_ecoli
P0A6Y1	IHFB_ECOLI	* P68739	P0A6Y1	nfi_ecoli	ihfb_ecoli
P0ADG7	IMDH_ECOLI	* P0A6W5	P0ADG7	grea_ecoli	imd_h_ecoli
P11899	IMMD_ECOLX	* P17998	P11899	cead_ecolx	immd_ecoli
P07673	INCC2_ECOLX	none			
P39212	INSN2_ECOLI	none			
P37326	INTS_ECOLI	* P0A6R0	P37326	fabh_ecoli	ints_ecoli
P37326	INTS_ECOLI	* P23878	P37326	fepc_ecoli	ints_ecoli
P37326	INTS_ECOLI	* P0ABX5	P37326	flgg_ecoli	ints_ecoli
P37326	INTS_ECOLI	* P0AEN1	P37326	fre_ecoli	ints_ecoli
P37326	INTS_ECOLI	* P38393	P37326	kil_ecoli	ints_ecoli
P37326	INTS_ECOLI	* P43341	P37326	lpxh_ecoli	ints_ecoli
P37326	INTS_ECOLI	* P39452	P37326	rir3_ecoli	ints_ecoli
P37326	INTS_ECOLI	* P0AG44	P37326	rl17_ecoli	ints_ecoli
P37326	INTS_ECOLI	* P00448	P37326	sodm_ecoli	ints_ecoli
P0A7A9	IPYR_ECOLI	none			
P0AAC8	ISCA_ECOLI	* P32162	P0AAC8	yiis_ecoli	isca_ecoli
P0A6B7	ISCS_ECOLI	* P0A6A8	P0A6B7	acp_ecoli	iscs_ecoli
P0A6B7	ISCS_ECOLI	* P05052	P0A6B7	appy_ecoli	iscs_ecoli
P0A6B7	ISCS_ECOLI	* P0ABA4	P0A6B7	atpd_ecoli	iscs_ecoli
P0A6B7	ISCS_ECOLI	* P69228	P0A6B7	baer_ecoli	iscs_ecoli
P0A6B7	ISCS_ECOLI	* P0A9P0	P0A6B7	dldh_ecoli	iscs_ecoli
P0A6B7	ISCS_ECOLI	* P0ABU2	P0A6B7	engd_ecoli	iscs_ecoli
P0A6B7	ISCS_ECOLI	* P32177	P0A6B7	fdhd_ecoli	iscs_ecoli
P0A6B7	ISCS_ECOLI	* P32177	P0A6B7	fdhd_ecoli	iscs_ecoli

POA6B7	ISCS_ECOLI	*	POA9R4	POA6B7	fer_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	POAC92	POA6B7	gnsa_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	POABW0	POA6B7	hcac_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P34749	POA6B7	hofq_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P37353	POA6B7	mene_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P16384	POA6B7	miaa_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P11880	POA6B7	murf_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P0ACD4	POA6B7	nifu_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P0ACD4	POA6B7	nifu_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P0ACD4	POA6B7	nifu_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P0ACD4	POA6B7	nifu_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P0ACD4	POA6B7	nifu_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P0AFG0	POA6B7	nusg_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P31057	POA6B7	panb_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P07004	POA6B7	proa_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P0A7E3	POA6B7	pyre_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P77756	POA6B7	quec_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P09378	POA6B7	rhar_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P0AEI4	POA6B7	rimo_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P36999	POA6B7	rlma_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P0AFW4	POA6B7	rnk_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P0A8R0	POA6B7	rraa_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P39902	POA6B7	sprt_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P0A890	POA6B7	tusa_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P0A890	POA6B7	tusa_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P0AAT9	POA6B7	ybel_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P64483	POA6B7	yeak_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P46887	POA6B7	yech_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P0A6G3	POA6B7	ygad_ecoli	iscs_ecoli
POA6B7	ISCS_ECOLI	*	P0ACV8	POA6B7	ymja_ecoli	iscs_ecoli
Q46893	ISPD_ECOLI	*	P0A6J1	Q46893	cysc_ecoli	ispd_ecoli
Q46893	ISPD_ECOLI	*	P0A850	Q46893	tig_ecoli	ispd_ecoli
P62617	ISPF_ECOLI	none				
P14542	IUTA_ECOLX	none				
P0AD59	IVY_ECOLI	none				
P0AEW9	K1PF_ECOLI	none				
POA796	K6PF1_ECOLI	*	P12281	POA796	moea_ecoli	k6pf1_ecoli
POA796	K6PF1_ECOLI	*	P0A858	POA796	tpis_ecoli	k6pf1_ecoli
POA796	K6PF1_ECOLI	*	P37440	POA796	ucpa_ecoli	k6pf1_ecoli

P69441	KAD_ECOLI	* P0A964	P69441	chew_ecoli	kad_ecoli
P69441	KAD_ECOLI	* P0A6G7	P69441	clpp_ecoli	kad_ecoli
P69441	KAD_ECOLI	* P0ADI4	P69441	entb_ecoli	kad_ecoli
P69441	KAD_ECOLI	* P0AAP3	P69441	frmr_ecoli	kad_ecoli
P69441	KAD_ECOLI	* P0A9Z1	P69441	glnb_ecoli	kad_ecoli
P69441	KAD_ECOLI	* P77249	P69441	sfmc_ecoli	kad_ecoli
P69441	KAD_ECOLI	* P0A850	P69441	tig_ecoli	kad_ecoli
P69441	KAD_ECOLI	* P0A8H6	P69441	yihi_ecoli	kad_ecoli
P13029	KATG_ECOLI	* P0AES0	P13029	gsp_ecoli	katg_ecoli
P13029	KATG_ECOLI	* P0ABS8	P13029	hole_ecoli	katg_ecoli
P13029	KATG_ECOLI	* P0A7A9	P13029	ipyr_ecoli	katg_ecoli
P13029	KATG_ECOLI	* P22188	P13029	mure_ecoli	katg_ecoli
P13029	KATG_ECOLI	* P69811	P13029	ptfah_ecoli	katg_ecoli
P13029	KATG_ECOLI	* P0AA25	P13029	thio_ecoli	katg_ecoli
P0AB77	KBL_ECOLI	* P0AC73	P0AB77	ebgc_ecoli	kbl_ecoli
P0AB77	KBL_ECOLI	* P76104	P0AB77	ydcp_ecoli	kbl_ecoli
P04951	KDSB_ECOLI	* P45543	P04951	frld_ecoli	kdsb_ecoli
P04951	KDSB_ECOLI	* P0A715	P04951	kdsa_ecoli	kdsb_ecoli
P04951	KDSB_ECOLI	* P67430	P04951	nemr_ecoli	kdsb_ecoli
P0ABZ4	KDSC_ECOLI	none			
P77338	KEFA_ECOLI	* P0A6E4	P77338	assy_ecoli	kefa_ecoli
P77338	KEFA_ECOLI	* P0AFG0	P77338	nusg_ecoli	kefa_ecoli
P77338	KEFA_ECOLI	* P21513	P77338	rne_ecoli	kefa_ecoli
P77338	KEFA_ECOLI	* P21513	P77338	rne_ecoli	kefa_ecoli
P77338	KEFA_ECOLI	* P21513	P77338	rne_ecoli	kefa_ecoli
P77338	KEFA_ECOLI	* P21513	P77338	rne_ecoli	kefa_ecoli
P77338	KEFA_ECOLI	* P21513	P77338	rne_ecoli	kefa_ecoli
P77338	KEFA_ECOLI	* P21513	P77338	rne_ecoli	kefa_ecoli
P77338	KEFA_ECOLI	* P21513	P77338	rne_ecoli	kefa_ecoli
P60546	KGUA_ECOLI	none			
P00547	KHSE_ECOLI	none			
Q52328	KLAB_ECOLX	none			
Q52313	KORB1_ECOLX	none			
P0A717	KPRS_ECOLI	* P52697	P0A717	6pgl_ecoli	kprs_ecoli

POA717	KPRS_ECOLI	* P67662	POA717	aaer_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0ABD5	POA717	acca_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0ACRO	POA717	alls_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A9Q1	POA717	arca_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P30843	POA717	basr_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P17446	POA717	beti_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P12995	POA717	bioa_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P12999	POA717	bioc_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A6G7	POA717	clpp_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A972	POA717	cspe_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P00816	POA717	cyns_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0ABJ1	POA717	cyoa_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P21693	POA717	dbpa_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P77268	POA717	ddpd_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P77622	POA717	ddpf_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0AEF4	POA717	dpia_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P50465	POA717	end8_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P39176	POA717	erfk_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P08394	POA717	ex5b_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P24216	POA717	flid_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A9E5	POA717	fnr_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A9R7	POA717	ftse_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P05042	POA717	fumc_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A6W5	POA717	grea_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0ACF8	POA717	hns_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P51020	POA717	hoa_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A7B8	POA717	hslv_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0AEV7	POA717	hych_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0AD61	POA717	kpyk1_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A9S7	POA717	livg_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P10441	POA717	lpxb_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P00946	POA717	mana_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P05704	POA717	mcp3_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0ACH8	POA717	melr_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A817	POA717	metk_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0AEI1	POA717	miab_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P13669	POA717	mngr_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A9F1	POA717	mntr_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P31060	POA717	modf_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P22186	POA717	mraz_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P22523	POA717	mukb_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P22524	POA717	muke_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* Q47005	POA717	nac_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P19318	POA717	nary_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0AF63	POA717	nsrr_ecoli	kprs_ecoli

POA717	KPRS_ECOLI	* P0AA16	POA717	ompr_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P05041	POA717	pabb_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P16682	POA717	phnd_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A7B5	POA717	prob_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P55799	POA717	prp2_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A7D1	POA717	pth_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P15254	POA717	pur4_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P36767	POA717	rdgc_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A7H6	POA717	recr_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P33643	POA717	rlud_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P37760	POA717	rml_d_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0AFW4	POA717	rnk_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P60390	POA717	rsmh_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P52108	POA717	rsta_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A8I1	POA717	ruvx_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P13458	POA717	sbcc_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0AGM5	POA717	sirb1_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P39902	POA717	sprt_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P77515	POA717	stfq_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0ACG1	POA717	stpa_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A836	POA717	succ_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P07464	POA717	thga_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0AGG4	POA717	thio2_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A858	POA717	tpis_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A890	POA717	tusa_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P12295	POA717	ung_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P77414	POA717	wcaa_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P45563	POA717	xapa_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A8P6	POA717	xerc_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A8P8	POA717	xerd_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* Q47156	POA717	yafn_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P77700	POA717	yahb_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P77736	POA717	yahd_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P77187	POA717	yahf_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A9T6	POA717	ybaq_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0AA84	POA717	ybho_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P28306	POA717	yceg_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P27431	POA717	ycfd_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0AB55	POA717	ycii_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P77333	POA717	ycjz_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P76064	POA717	ydat_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P76108	POA717	ydcs_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P77564	POA717	ydhw_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P0A8A4	POA717	ydia_ecoli	kprs_ecoli
POA717	KPRS_ECOLI	* P76204	POA717	ydiv_ecoli	kprs_ecoli

P0A717	KPRS_ECOLI	* P77721	P0A717	ydjf_ecoli	kprs_ecoli
P0A717	KPRS_ECOLI	* P64483	P0A717	yeak_ecoli	kprs_ecoli
P0A717	KPRS_ECOLI	* P76241	P0A717	yeam_ecoli	kprs_ecoli
P0A717	KPRS_ECOLI	* P0A8A0	P0A717	yebc_ecoli	kprs_ecoli
P0A717	KPRS_ECOLI	* P78271	P0A717	yfes_ecoli	kprs_ecoli
P0A717	KPRS_ECOLI	* P77538	P0A717	yfhr_ecoli	kprs_ecoli
P0A717	KPRS_ECOLI	* P33634	P0A717	yfie_ecoli	kprs_ecoli
P0A717	KPRS_ECOLI	* P52126	P0A717	yfjk_ecoli	kprs_ecoli
P0A717	KPRS_ECOLI	* P52133	P0A717	yfjr_ecoli	kprs_ecoli
P0A717	KPRS_ECOLI	* Q46888	P0A717	ygbj_ecoli	kprs_ecoli
P0A717	KPRS_ECOLI	* P42624	P0A717	yhak_ecoli	kprs_ecoli
P0A717	KPRS_ECOLI	* P31449	P0A717	yidl_ecoli	kprs_ecoli
P0A717	KPRS_ECOLI	* P77309	P0A717	ynej_ecoli	kprs_ecoli
P0A717	KPRS_ECOLI	* P76612	P0A717	ypjb_ecoli	kprs_ecoli
P0A717	KPRS_ECOLI	* P0ADU7	P0A717	yqib_ecoli	kprs_ecoli
P0AD61	KPYK1_ECOLI	* P15034	P0AD61	ampp_ecoli	kpyk1_ecoli
P0AD61	KPYK1_ECOLI	* P0ABH7	P0AD61	cisy_ecoli	kpyk1_ecoli
P0AD61	KPYK1_ECOLI	* P05042	P0AD61	fumc_ecoli	kpyk1_ecoli
P21599	KPYK2_ECOLI	* P09373	P21599	pflb_ecoli	kpyk2_ecoli
P21599	KPYK2_ECOLI	* P0AA25	P21599	thio_ecoli	kpyk2_ecoli
P21599	KPYK2_ECOLI	* P08390	P21599	usg_ecoli	kpyk2_ecoli
P52643	LDHD_ECOLI	none			
P00803	LEP_ECOLI	* P00803	P00803	lep_ecoli	lep_ecoli
P60785	LEPA_ECOLI	* P27249	P60785	glnd_ecoli	lepa_ecoli
P60785	LEPA_ECOLI	* P0A8L7	P60785	yciu_ecoli	lepa_ecoli
P60716	LIPA_ECOLI	* P15038	P60716	held_ecoli	lipa_ecoli
P60716	LIPA_ECOLI	* P17952	P60716	murc_ecoli	lipa_ecoli
P60716	LIPA_ECOLI	* P0AFG3	P60716	odo1_ecoli	lipa_ecoli
P60716	LIPA_ECOLI	* P0AFG6	P60716	odo2_ecoli	lipa_ecoli
P33232	LLDD_ECOLI	* P0AEL6	P33232	fepb_ecoli	lidd_ecoli
P33232	LLDD_ECOLI	* P77774	P33232	yfgl_ecoli	lidd_ecoli
P33232	LLDD_ECOLI	* P23305	P33232	yiga_ecoli	lidd_ecoli
P33232	LLDD_ECOLI	* P0A9V8	P33232	yihu_ecoli	lidd_ecoli
P0A9M0	LON_ECOLI	* P37617	P0A9M0	atzn_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	* P36659	P0A9M0	cbpa_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	* P0A6F5	P0A9M0	ch60_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	* P77390	P0A9M0	citc_ecoli	lon_ecoli

P0A9M0	LON_ECOLI	*	P0A6G7	P0A9M0	clpp_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0A8Q6	P0A9M0	clps_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0ABJ1	P0A9M0	cyoa_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P77359	P0A9M0	djlc_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0A6Y8	P0A9M0	dnak_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P03007	P0A9M0	dpo3e_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0ABT2	P0A9M0	dps_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P77488	P0A9M0	dxs_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0A6C1	P0A9M0	end4_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0ADI4	P0A9M0	entb_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P06616	P0A9M0	era_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0A6Q6	P0A9M0	fabz_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P61949	P0A9M0	flav_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0ABX5	P0A9M0	flgg_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P09372	P0A9M0	grpe_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0A6X3	P0A9M0	hfq_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P28905	P0A9M0	holc_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0A6H5	P0A9M0	hslu_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P61316	P0A9M0	lola_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P77432	P0A9M0	lsrk_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P30748	P0A9M0	moad_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P19318	P0A9M0	nary_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P76577	P0A9M0	pbpc_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P15254	P0A9M0	pur4_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P27240	P0A9M0	rfay_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0C0R7	P0A9M0	rlme_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P36979	P0A9M0	rlmn_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0A8T7	P0A9M0	rpoc_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0AG86	P0A9M0	secb_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0AG86	P0A9M0	secb_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0A828	P0A9M0	smg_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0AGD7	P0A9M0	srp54_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0AFZ3	P0A9M0	sspb_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0AG78	P0A9M0	subi_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P77444	P0A9M0	sufs_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P77735	P0A9M0	yajo_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P0AAT4	P0A9M0	ybdg_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P12994	P0A9M0	ybhb_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P75828	P0A9M0	ybjd_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P75990	P0A9M0	ycgf_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P76046	P0A9M0	ycjx_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P77721	P0A9M0	ydjf_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	Q46802	P0A9M0	ygev_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P45527	P0A9M0	yhbu_ecoli	lon_ecoli
P0A9M0	LON_ECOLI	*	P39285	P0A9M0	yjep_ecoli	lon_ecoli

P0A9M0	LON_ECOLI	* P0AAS5	P0A9M0	ylbf_ecoli	lon_ecoli
P75867	LONH_ECOLI	none			
P69776	LPP_ECOLI	* P69776	P69776	lpp_ecoli	lpp_ecoli
P0A722	LPXA_ECOLI	* P21645	P0A722	lpxd_ecoli	lpxa_ecoli
P0A722	LPXA_ECOLI	* P10442	P0A722	rnh2_ecoli	lpxa_ecoli
P0A722	LPXA_ECOLI	* P0ADS2	P0A722	zapa_ecoli	lpxa_ecoli
P10441	LPXB_ECOLI	* P45523	P10441	fkba_ecoli	lpxb_ecoli
P10441	LPXB_ECOLI	* P0A6B7	P10441	iscs_ecoli	lpxb_ecoli
P21645	LPXD_ECOLI	* P0A6A8	P21645	acp_ecoli	lpxd_ecoli
P21645	LPXD_ECOLI	* P0A6A8	P21645	acp_ecoli	lpxd_ecoli
P21645	LPXD_ECOLI	* P15042	P21645	dnlj_ecoli	lpxd_ecoli
P21645	LPXD_ECOLI	* P0A6X3	P21645	hfq_ecoli	lpxd_ecoli
P21645	LPXD_ECOLI	* P07004	P21645	proa_ecoli	lpxd_ecoli
P0ACJ0	LRP_ECOLI	* P0ABQ4	P0ACJ0	dyr_ecoli	lrp_ecoli
P0ACJ0	LRP_ECOLI	* P76556	P0ACJ0	eutp_ecoli	lrp_ecoli
P0ACJ0	LRP_ECOLI	* P0A744	P0ACJ0	msra_ecoli	lrp_ecoli
P0ACJ0	LRP_ECOLI	* P77737	P0ACJ0	oppf_ecoli	lrp_ecoli
P0ACJ0	LRP_ECOLI	* P0AFZ3	P0ACJ0	sspb_ecoli	lrp_ecoli
P0ACJ0	LRP_ECOLI	* P0A8F0	P0ACJ0	upp_ecoli	lrp_ecoli
P75823	LTAE_ECOLI	none			
P45578	LUXS_ECOLI	* P0A850	P45578	tig_ecoli	luxs_ecoli
P45578	LUXS_ECOLI	* P39408	P45578	yjjv_ecoli	luxs_ecoli
P78285	LYSD_ECOLI	* P42604	P78285	uxaa_ecoli	lysd_ecoli
P78285	LYSD_ECOLI	* P76012	P78285	ycgy_ecoli	lysd_ecoli
P03030	LYSR_ECOLI	* P24554	P03030	rada_ecoli	lysr_ecoli
P03030	LYSR_ECOLI	* P0A9W0	P03030	ular_ecoli	lysr_ecoli
P0AEX9	MALE_ECOLI	* P0A6F9	P0AEX9	ch10_ecoli	male_ecoli
P0AEX9	MALE_ECOLI	* P0A6F9	P0AEX9	ch10_ecoli	male_ecoli
P0AEX9	MALE_ECOLI	* P0A6F5	P0AEX9	ch60_ecoli	male_ecoli
P0AEX9	MALE_ECOLI	* P0A6F5	P0AEX9	ch60_ecoli	male_ecoli
P0AEX9	MALE_ECOLI	* P0A6F5	P0AEX9	ch60_ecoli	male_ecoli
P0AEX9	MALE_ECOLI	* P08622	P0AEX9	dnaj_ecoli	male_ecoli
P0AEX9	MALE_ECOLI	* P0C0L2	P0AEX9	osmc_ecoli	male_ecoli
P0AEX9	MALE_ECOLI	* P0A870	P0AEX9	talb_ecoli	male_ecoli

P0AEX9	MALE_ECOLI	*	P0AA25	P0AEX9	thio_ecoli	male_ecoli
P68187	MALK_ECOLI	*	P0A9A6	P68187	fts_z_ecoli	malk_ecoli
P68187	MALK_ECOLI	*	P0AES4	P68187	gyra_ecoli	malk_ecoli
P68187	MALK_ECOLI	*	P0C054	P68187	ibpa_ecoli	malk_ecoli
P68187	MALK_ECOLI	*	P0C054	P68187	ibpa_ecoli	malk_ecoli
P68187	MALK_ECOLI	*	P0C058	P68187	ibpb_ecoli	malk_ecoli
P68187	MALK_ECOLI	*	P0A9X4	P68187	mreb_ecoli	malk_ecoli
P15977	MALQ_ECOLI	*	P0ACF0	P15977	dbha_ecoli	malq_ecoli
P15977	MALQ_ECOLI	*	P0ACF4	P15977	dbhb_ecoli	malq_ecoli
P15977	MALQ_ECOLI	*	P0ACF4	P15977	dbhb_ecoli	malq_ecoli
P15977	MALQ_ECOLI	*	P0ACF8	P15977	hns_ecoli	malq_ecoli
P15977	MALQ_ECOLI	*	P0AF10	P15977	mtlr_ecoli	malq_ecoli
P15977	MALQ_ECOLI	*	P0A7V0	P15977	rs2_ecoli	malq_ecoli
P15977	MALQ_ECOLI	*	P09184	P15977	vsr_ecoli	malq_ecoli
P06993	MALT_ECOLI	*	P0A6A8	P06993	acp_ecoli	malt_ecoli
P06993	MALT_ECOLI	*	P08622	P06993	dnaj_ecoli	malt_ecoli
P06993	MALT_ECOLI	*	P0C8J6	P06993	gaty_ecoli	malt_ecoli
P06993	MALT_ECOLI	*	P0C054	P06993	ibpa_ecoli	malt_ecoli
P06993	MALT_ECOLI	*	P0C058	P06993	ibpb_ecoli	malt_ecoli
P06993	MALT_ECOLI	*	P0A9X4	P06993	mreb_ecoli	malt_ecoli
P06993	MALT_ECOLI	*	P17443	P06993	murg_ecoli	malt_ecoli
P06993	MALT_ECOLI	*	P0A9K3	P06993	phol_ecoli	malt_ecoli
P06993	MALT_ECOLI	*	P41409	P06993	riha_ecoli	malt_ecoli
P06993	MALT_ECOLI	*	P36979	P06993	rlmn_ecoli	malt_ecoli
P00946	MANA_ECOLI		none			
P0AEY1	MARC_ECOLI		none			
P08997	MASY_ECOLI	*	P39451	P08997	adh_p_ecoli	masy_ecoli
P08997	MASY_ECOLI	*	P08203	P08997	arad_ecoli	masy_ecoli
P08997	MASY_ECOLI	*	P76461	P08997	atob_ecoli	masy_ecoli
P08997	MASY_ECOLI	*	P15067	P08997	glg_x_ecoli	masy_ecoli
P08997	MASY_ECOLI	*	P0A847	P08997	tgt_ecoli	masy_ecoli
P37330	MASZ_ECOLI	*	P63284	P37330	clpb_ecoli	masz_ecoli
P37330	MASZ_ECOLI	*	P77611	P37330	rnfc_ecoli	masz_ecoli
P37330	MASZ_ECOLI	*	P0AD33	P37330	yfcz_ecoli	masz_ecoli
P37330	MASZ_ECOLI	*	P77434	P37330	yfdz_ecoli	masz_ecoli
P37330	MASZ_ECOLI	*	P32162	P37330	yiis_ecoli	masz_ecoli
P0ACD8	MBHL_ECOLI	*	P05052	P0ACD8	appy_ecoli	mbhl_ecoli

P0ACD8	MBHL_ECOLI	*	P0AAM7	P0ACD8	hybg_ecoli	mbhl_ecoli
P0ACD8	MBHL_ECOLI	*	P69451	P0ACD8	lcfa_ecoli	mbhl_ecoli
P0ACD8	MBHL_ECOLI	*	P69741	P0ACD8	mbht_ecoli	mbhl_ecoli
P0ACD8	MBHL_ECOLI	*	P0A7E1	P0ACD8	pyrd_ecoli	mbhl_ecoli
P0ACD8	MBHL_ECOLI	*	P39406	P0ACD8	rsmc_ecoli	mbhl_ecoli
P0ACD8	MBHL_ECOLI	*	P28912	P0ACD8	yhhi_ecoli	mbhl_ecoli
P69739	MBHS_ECOLI		none			
P0AEY5	MDAB_ECOLI		none			
P61889	MDH_ECOLI	*	P0A6F5	P61889	ch60_ecoli	mdh_ecoli
P61889	MDH_ECOLI	*	P25522	P61889	mnme_ecoli	mdh_ecoli
P61889	MDH_ECOLI	*	P0AB43	P61889	ycgl_ecoli	mdh_ecoli
P37636	MDTE_ECOLI	*	P0ABI4	P37636	cora_ecoli	mdte_ecoli
P37636	MDTE_ECOLI	*	P37636	P37636	mdte_ecoli	mdte_ecoli
P37636	MDTE_ECOLI	*	P37636	P37636	mdte_ecoli	mdte_ecoli
P32715	MDTO_ECOLI	*	P07395	P32715	syfb_ecoli	mdto_ecoli
P32715	MDTO_ECOLI	*	P0AB43	P32715	ycgl_ecoli	mdto_ecoli
P0ABU0	MENB_ECOLI	*	P37355	P0ABU0	menh_ecoli	menb_ecoli
P0ABU0	MENB_ECOLI	*	P60438	P0ABU0	rl3_ecoli	menb_ecoli
P25665	METE_ECOLI	*	P21177	P25665	fadb_ecoli	mete_ecoli
P25665	METE_ECOLI	*	P22256	P25665	gabt_ecoli	mete_ecoli
P25665	METE_ECOLI	*	P0A6W5	P25665	grea_ecoli	mete_ecoli
P25665	METE_ECOLI	*	P0A6H5	P25665	hslu_ecoli	mete_ecoli
P25665	METE_ECOLI	*	P03018	P25665	uvrd_ecoli	mete_ecoli
P25665	METE_ECOLI	*	P75616	P25665	yaax_ecoli	mete_ecoli
P25665	METE_ECOLI	*	P0AF67	P25665	yjee_ecoli	mete_ecoli
P13009	METH_ECOLI	*	P0AE78	P13009	corc_ecoli	meth_ecoli
P13009	METH_ECOLI	*	P37313	P13009	dppf_ecoli	meth_ecoli
P13009	METH_ECOLI	*	P06968	P13009	dut_ecoli	meth_ecoli
P13009	METH_ECOLI	*	P06988	P13009	hisx_ecoli	meth_ecoli
P13009	METH_ECOLI	*	P77541	P13009	prpb_ecoli	meth_ecoli
P13009	METH_ECOLI	*	P0A7H6	P13009	recr_ecoli	meth_ecoli
P13009	METH_ECOLI	*	P0A8T7	P13009	rpoc_ecoli	meth_ecoli
P13009	METH_ECOLI	*	P76121	P13009	yddh_ecoli	meth_ecoli
P13009	METH_ECOLI	*	P16694	P13009	yjda_ecoli	meth_ecoli
P0A817	METK_ECOLI	*	P36659	P0A817	cbpa_ecoli	metk_ecoli
P0A817	METK_ECOLI	*	P07363	P0A817	chea_ecoli	metk_ecoli

POA817	METK_ECOLI	*	P0A6G7	POA817	clpp_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P0A6H1	POA817	clpx_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P08622	POA817	dnaj_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P00582	POA817	dpo1_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P0CE47	POA817	eftu1_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P0A6Q3	POA817	faba_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P09372	POA817	grpe_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P0AES4	POA817	gyra_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P0AES6	POA817	gyrb_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P0A6H5	POA817	hslu_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P0C054	POA817	ibpa_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P0C054	POA817	ibpa_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P0A715	POA817	kdsa_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P06993	POA817	malt_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P05055	POA817	pnp_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P36979	POA817	rlmn_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P10408	POA817	seca_ecoli	metk_ecoli
POA817	METK_ECOLI	*	P0AGD7	POA817	srp54_ecoli	metk_ecoli
P28635	METQ_ECOLI	*	P69908	P28635	dcea_ecoli	metq_ecoli
P28635	METQ_ECOLI	*	P69908	P28635	dcea_ecoli	metq_ecoli
P30958	MFD_ECOLI	*	P23522	P30958	garl_ecoli	mfd_ecoli
P30958	MFD_ECOLI	*	P0A8V2	P30958	rpob_ecoli	mfd_ecoli
P30958	MFD_ECOLI	*	P0A8V2	P30958	rpob_ecoli	mfd_ecoli
P30958	MFD_ECOLI	*	P00579	P30958	rpod_ecoli	mfd_ecoli
P30958	MFD_ECOLI	*	P07395	P30958	syfb_ecoli	mfd_ecoli
P30958	MFD_ECOLI	*	P00944	P30958	xyla_ecoli	mfd_ecoli
P30958	MFD_ECOLI	*	P37757	P30958	ydde_ecoli	mfd_ecoli
POAEI1	MIAB_ECOLI	*	P0ABE2	POAEI1	bola_ecoli	miab_ecoli
POAEI1	MIAB_ECOLI	*	P0A9X4	POAEI1	mreb_ecoli	miab_ecoli
POAEI1	MIAB_ECOLI	*	P37906	POAEI1	puub_ecoli	miab_ecoli
P18196	MINC_ECOLI	*	P00946	P18196	mana_ecoli	minc_ecoli
POAEZ3	MIND_ECOLI	*	P0A6F9	POAEZ3	ch10_ecoli	mind_ecoli
POAEZ3	MIND_ECOLI	*	P0A964	POAEZ3	chew_ecoli	mind_ecoli
POAEZ3	MIND_ECOLI	*	P45523	POAEZ3	fkba_ecoli	mind_ecoli
POAEZ3	MIND_ECOLI	*	P0ABX8	POAEZ3	flii_ecoli	mind_ecoli
POAEZ3	MIND_ECOLI	*	P0A9X4	POAEZ3	mreb_ecoli	mind_ecoli
POAEZ3	MIND_ECOLI	*	P10408	POAEZ3	seca_ecoli	mind_ecoli
POAEZ3	MIND_ECOLI	*	P37052	POAEZ3	ychj_ecoli	mind_ecoli
POA734	MINE_ECOLI	*	P24211	POA734	rhse_ecoli	mine_ecoli

P0A734	MINE_ECOLI	*	P52128	P0A734	yfjm_ecoli	mine_ecoli
P0A734	MINE_ECOLI	*	P75973	P0A734	ymfj_ecoli	mine_ecoli
P0A734	MINE_ECOLI	*	P76073	P0A734	ynae_ecoli	mine_ecoli
P0ADV7	MLAC_ECOLI		none			
P64604	MLAD_ECOLI		none			
P64606	MLAE_ECOLI		none			
Q47690	MMUM_ECOLI		none			
P54746	MNGB_ECOLI	*	P07330	P54746	cheb_ecoli	mngb_ecoli
P54746	MNGB_ECOLI	*	P23522	P54746	garl_ecoli	mngb_ecoli
P54746	MNGB_ECOLI	*	P19930	P54746	hyad_ecoli	mngb_ecoli
P54746	MNGB_ECOLI	*	P24175	P54746	manb_ecoli	mngb_ecoli
P54746	MNGB_ECOLI	*	P0A9H1	P54746	mug_ecoli	mngb_ecoli
P54746	MNGB_ECOLI	*	P0C0L2	P54746	osmc_ecoli	mngb_ecoli
P54746	MNGB_ECOLI	*	Q46920	P54746	quef_ecoli	mngb_ecoli
P54746	MNGB_ECOLI	*	P0A890	P54746	tusa_ecoli	mngb_ecoli
P54746	MNGB_ECOLI	*	P37052	P54746	yhj_ecoli	mngb_ecoli
P54746	MNGB_ECOLI	*	P64463	P54746	ydfz_ecoli	mngb_ecoli
P13669	MNGR_ECOLI		none			
P25745	MNMA_ECOLI		none			
P30745	MOAA_ECOLI	*	P30749	P30745	moae_ecoli	moaa_ecoli
P30745	MOAA_ECOLI	*	P21829	P30745	ybha_ecoli	moaa_ecoli
P0AEZ9	MOAB_ECOLI	*	P0AEE1	P0AEZ9	dcrb_ecoli	moab_ecoli
P0AEZ9	MOAB_ECOLI	*	P0A738	P0AEZ9	moac_ecoli	moab_ecoli
P08098	MOBA1_ECOLX	*	P0ACB4	P32173	hemg_ecoli	moba_ecoli
P08098	MOBA1_ECOLX	*	P32125	P32173	mobb_ecoli	moba_ecoli
P08098	MOBA1_ECOLX	*	P12281	P32173	moea_ecoli	moba_ecoli
P08098	MOBA1_ECOLX	*	P12281	P32173	moea_ecoli	moba_ecoli
P08098	MOBA1_ECOLX	*	P12281	P32173	moea_ecoli	moba_ecoli
P08098	MOBA1_ECOLX	*	P0AFW0	P32173	rfah_ecoli	moba_ecoli
P07112	MOBA2_ECOLX					
P12281	MOEA_ECOLI	*	P37595	P12281	iaaa_ecoli	moea_ecoli
P12281	MOEA_ECOLI	*	P32125	P12281	mobb_ecoli	moea_ecoli
P12281	MOEA_ECOLI	*	P12281	P12281	moea_ecoli	moea_ecoli

P33345	MOLR_ECOLI	*	P30750	P33345	metn_ecoli	molr_ecoli
P33345	MOLR_ECOLI	*	P0AG20	P33345	rela_ecoli	molr_ecoli
P33345	MOLR_ECOLI	*	P0A8R0	P33345	rraa_ecoli	molr_ecoli
P33345	MOLR_ECOLI	*	P0ADZ4	P33345	rs15_ecoli	molr_ecoli
P33345	MOLR_ECOLI	*	P0ACY1	P33345	ydja_ecoli	molr_ecoli
P33345	MOLR_ECOLI	*	P26646	P33345	yhdh_ecoli	molr_ecoli
P33345	MOLR_ECOLI	*	P75713	P33345	ylba_ecoli	molr_ecoli
P37773	MPL_ECOLI	*	P0AEW6	P37773	ingk_ecoli	mpl_ecoli
P37773	MPL_ECOLI	*	P23256	P37773	maly_ecoli	mpl_ecoli
P37773	MPL_ECOLI	*	P0A8H6	P37773	yihi_ecoli	mpl_ecoli
P37773	MPL_ECOLI	*	P0AF90	P37773	yjgd_ecoli	mpl_ecoli
P0ACR9	MPRA_ECOLI	*	P0AE76	P0ACR9	cobu_ecoli	mpra_ecoli
P22186	MRAZ_ECOLI	*	P22186	P22186	mraz_ecoli	mraz_ecoli
P22186	MRAZ_ECOLI	*	P31806	P22186	yjef_ecoli	mraz_ecoli
P22186	MRAZ_ECOLI	*	P31806	P22186	yjef_ecoli	mraz_ecoli
P0A9X4	MREB_ECOLI	*	P0A6F9	P0A9X4	ch10_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0A964	P0A9X4	chew_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0A6H1	P0A9X4	clpx_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P08622	P0A9X4	dnaj_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P77488	P0A9X4	dxs_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0CE47	P0A9X4	eftu1_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0ACC3	P0A9X4	erpa_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0AEM0	P0A9X4	fkbx_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0ABH0	P0A9X4	ftsa_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0A9A6	P0A9X4	ftsz_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P68688	P0A9X4	glrx1_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0AC69	P0A9X4	glrx4_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0AES4	P0A9X4	gyra_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0A6H5	P0A9X4	hslu_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0C054	P0A9X4	ibpa_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0C058	P0A9X4	ibpb_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P10441	P0A9X4	lpxb_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P06993	P0A9X4	malt_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0A817	P0A9X4	metk_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0AEI1	P0A9X4	miab_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P09152	P0A9X4	narg_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0AFG0	P0A9X4	nusg_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0AFG6	P0A9X4	odo2_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	*	A8A6G7	P0A9X4	oxaa_ecohs	mreb_ecoli
P0A9X4	MREB_ECOLI	*	P0AFI2	P0A9X4	parc_ecoli	mreb_ecoli

P0A9X4	MREB_ECOLI	* P05055	P0A9X4	pnp_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	* P42184	P0A9X4	prsa_ecolx	mreb_ecoli
P0A9X4	MREB_ECOLI	* P0AAH0	P0A9X4	pstb_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	* P15032	P0A9X4	rece_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	* P00452	P0A9X4	rir1_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	* P69924	P0A9X4	rir2_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	* P36979	P0A9X4	rlmn_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	* P0CG19	P0A9X4	rnph_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	* P0A7Z4	P0A9X4	rpoa_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	* P10408	P0A9X4	seca_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	* P0AA25	P0A9X4	thio_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	* P0A850	P0A9X4	tig_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	* P0A8E5	P0A9X4	yacl_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	* P39165	P0A9X4	ycho_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	* P77721	P0A9X4	ydjf_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	* P64483	P0A9X4	yeak_ecoli	mreb_ecoli
P0A9X4	MREB_ECOLI	* P76241	P0A9X4	yeam_ecoli	mreb_ecoli
P16926	MREC_ECOLI	* P15042	P16926	dnlj_ecoli	mrec_ecoli
P16926	MREC_ECOLI	* P67701	P16926	ygjm_ecoli	mrec_ecoli
P0AF08	MRP_ECOLI	* P63020	P0AF08	nfua_ecoli	mrp_ecoli
P24202	MRR_ECOLI	* P11663	P24202	yggd_ecoli	mrr_ecoli
P24205	MSBB_ECOLI	* P0C054	P24205	ibpa_ecoli	msbb_ecoli
P0C0S1	MSCS_ECOLI	* P31120	P0C0S1	glmm_ecoli	mscs_ecoli
P0A744	MSRA_ECOLI	* P0A7A9	P0A744	ipyr_ecoli	msra_ecoli
P0A744	MSRA_ECOLI	* P0AAC8	P0A744	isca_ecoli	msra_ecoli
P09424	MTLD_ECOLI	* P30130	P09424	fimd_ecoli	mtld_ecoli
P09424	MTLD_ECOLI	* P21893	P09424	recj_ecoli	mtld_ecoli
P09424	MTLD_ECOLI	* P0A821	P09424	sela_ecoli	mtld_ecoli
P09424	MTLD_ECOLI	* P77515	P09424	stfq_ecoli	mtld_ecoli
P09424	MTLD_ECOLI	* P0AB06	P09424	ycbk_ecoli	mtld_ecoli
P09424	MTLD_ECOLI	* P77561	P09424	ydep_ecoli	mtld_ecoli
P09424	MTLD_ECOLI	* P77260	P09424	ydfi_ecoli	mtld_ecoli
P0AF12	MTNN_ECOLI	* P39362	P0AF12	sgce_ecoli	mtnn_ecoli
P40874	MTOX_ECOLI	* P05020	P40874	pyrc_ecoli	mtox_ecoli
P22524	MUKE_ECOLI	* P06961	P22524	cca_ecoli	muke_ecoli

P22524	MUKE_ECOLI	*	P22523	P22524	mukb_ecoli	muke_ecoli
P22524	MUKE_ECOLI	*	P22523	P22524	mukb_ecoli	muke_ecoli
P0A749	MURA_ECOLI		none			
P23909	MUTS_ECOLI	*	P07330	P23909	cheb_ecoli	muts_ecoli
P23909	MUTS_ECOLI	*	P52613	P23909	flij_ecoli	muts_ecoli
P23909	MUTS_ECOLI	*	P21599	P23909	kpyk2_ecoli	muts_ecoli
P23909	MUTS_ECOLI	*	P23909	P23909	muts_ecoli	muts_ecoli
P23909	MUTS_ECOLI	*	P41409	P23909	riha_ecoli	muts_ecoli
P23909	MUTS_ECOLI	*	P0AD05	P23909	yeca_ecoli	muts_ecoli
P08337	MUTT_ECOLI	*	P19926	P08337	agp_ecoli	mutt_ecoli
P08337	MUTT_ECOLI	*	P33225	P08337	tora_ecoli	mutt_ecoli
P18843	NADE_ECOLI	*	P04395	P18843	3mg2_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P00350	P18843	6pgd_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P52697	P18843	6pgl_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P00509	P18843	aat_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P24182	P18843	acc_c_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77580	P18843	acd_h_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P25516	P18843	acon1_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P27550	P18843	acs_a_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P31441	P18843	adec_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A9Q7	P18843	adhe_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P23872	P18843	aes_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P06720	P18843	agal_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P42907	P18843	agas_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77671	P18843	all_b_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77425	P18843	all_c_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77555	P18843	all_d_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P36548	P18843	amia_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P15034	P18843	ampp_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77570	P18843	anmk_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P05052	P18843	appy_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P08204	P18843	arab_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P02924	P18843	araf_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P37306	P18843	arcc_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77624	P18843	arcm_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A6D3	P18843	aroa_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P15770	P18843	aroe_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AB91	P18843	arog_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P00887	P18843	aroh_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AB96	P18843	arsc_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AAF6	P18843	artp_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P22106	P18843	asnb_ecoli	nade_ecoli

P18843	NADE_ECOLI	* P0AC38	P18843	aspa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AE37	P18843	asta_ecoli	nade_ecoli
P18843	NADE_ECOLI	* Q06065	P18843	atoc_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P69228	P18843	baer_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AE52	P18843	bcp_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P17446	P18843	beti_ecoli	nade_ecoli
P18843	NADE_ECOLI	* Q46829	P18843	bgla_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P05804	P18843	bglr_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P12996	P18843	biob_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P12998	P18843	biof_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P06610	P18843	btue_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77213	P18843	caal_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P61517	P18843	can_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P36659	P18843	cbpa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P31469	P18843	cbrc_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P06961	P18843	cca_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A6F9	P18843	ch10_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P07363	P18843	chea_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P07330	P18843	cheb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A964	P18843	chew_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AE67	P18843	chey_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ABH7	P18843	cisy_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ABH9	P18843	clpa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P63284	P18843	clpb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A8Q6	P18843	clps_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A6H1	P18843	clpx_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P76291	P18843	cmob_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P25524	P18843	coda_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AE78	P18843	corc_ecoli	nade_ecoli
P18843	NADE_ECOLI	* Q46925	P18843	csda_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P36995	P18843	cspb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A9Y6	P18843	cspc_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A986	P18843	cspi_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ACZ8	P18843	cusr_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P69488	P18843	cuta_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A9D4	P18843	cyse_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AEA8	P18843	cysg_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ABK5	P18843	cysk_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P16703	P18843	cysm_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A6L2	P18843	dapa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ACF4	P18843	dbhb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P24169	P18843	dcos_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A6J8	P18843	ddla_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77268	P18843	ddpd_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A6L0	P18843	deoc_ecoli	nade_ecoli

P18843	NADE_ECOLI	* P0AEE5	P18843	dgal_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AC41	P18843	dhsa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P23840	P18843	dind_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P27296	P18843	ding_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P18776	P18843	dmsb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P03004	P18843	dnaa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AEG6	P18843	dsbc_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ADF6	P18843	edd_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A6M8	P18843	efg_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P50465	P18843	end8_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A6P9	P18843	eno_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ADI4	P18843	entb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AEJ2	P18843	entc_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P10378	P18843	ente_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P19636	P18843	eutc_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77218	P18843	eutd_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AAI9	P18843	fabd_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A6R0	P18843	fabh_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P21177	P18843	fadb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P69902	P18843	fcta_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P13024	P18843	fdhe_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P32176	P18843	fdog_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P28861	P18843	fenr_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AEL6	P18843	fepb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P23878	P18843	fepc_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P60566	P18843	fixa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P68646	P18843	fixx_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ABY4	P18843	flaw_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ABW9	P18843	flgb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P75937	P18843	flge_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P75938	P18843	flgf_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ABX5	P18843	flgg_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A8S9	P18843	flhd_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P04949	P18843	flic_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ABZ1	P18843	flig_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P52613	P18843	flij_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P52614	P18843	flik_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P26608	P18843	flis_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77609	P18843	flxa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A9E5	P18843	fnr_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P08192	P18843	folc_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P24186	P18843	fold_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AEN1	P18843	fre_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P45543	P18843	frld_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ACP1	P18843	frur_ecoli	nade_ecoli

P18843	NADE_ECOLI	* P0A9A2	P18843	ftnb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A9S1	P18843	fuco_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AC33	P18843	fuma_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A9A9	P18843	fur_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P22256	P18843	gabt_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P09148	P18843	gal7_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P09147	P18843	gale_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AAB6	P18843	galf_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A9C3	P18843	galm_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P23522	P18843	garl_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A9S3	P18843	gatd_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P36930	P18843	gatr_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P33195	P18843	gcsp_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P37747	P18843	glf_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A6V8	P18843	glk_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A9Z1	P18843	glnb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P27249	P18843	glnD_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P13035	P18843	glpd_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A9C9	P18843	glpx_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P68688	P18843	glrx1_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AC69	P18843	glrx4_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77161	P18843	glxr_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A6S7	P18843	gpda_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P32662	P18843	gph_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P62707	P18843	gpma_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P37689	P18843	gpmi_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A6W5	P18843	grea_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P30128	P18843	greb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P09372	P18843	grpe_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P04425	P18843	gshb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P06715	P18843	gshr_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AES0	P18843	gsp_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P04079	P18843	guaa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AES2	P18843	gudh_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77650	P18843	hcad_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P31658	P18843	hcha_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P36553	P18843	hem6_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ACE7	P18843	hint_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P24232	P18843	hmp_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P28631	P18843	holb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ABS8	P18843	hole_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P19931	P18843	hyae_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P19932	P18843	hyaf_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P30147	P18843	hyi_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P08200	P18843	idh_ecoli	nade_ecoli

P18843	NADE_ECOLI	* P69222	P18843	if1_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A6X7	P18843	ihfa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AEW6	P18843	ingk_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AAN9	P18843	irap_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A6B7	P18843	iscs_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P13029	P18843	katg_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AB74	P18843	kbay_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A6I0	P18843	kcy_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P04951	P18843	kdsb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* Q46938	P18843	kdui_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AD61	P18843	kpyk1_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P52643	P18843	ldhd_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P09151	P18843	leu1_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P60716	P18843	lipa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A9M0	P18843	lon_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ADV9	P18843	lptc_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ACJ0	P18843	lrp_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P64461	P18843	lsrg_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77432	P18843	lsrk_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P75823	P18843	ltae_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P00946	P18843	mana_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P24175	P18843	manb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P76558	P18843	mao2_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ACE0	P18843	mbhm_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P69741	P18843	mbht_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ABU0	P18843	menb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P29208	P18843	menc_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P37353	P18843	mene_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P38051	P18843	menf_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P00935	P18843	metb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A817	P18843	metk_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ABR9	P18843	mhpb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77608	P18843	mhpd_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A734	P18843	mine_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P28224	P18843	mlic_ecoli	nade_ecoli
P18843	NADE_ECOLI	* Q47690	P18843	mmum_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P25745	P18843	mnma_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P30745	P18843	moaa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A738	P18843	moac_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P30748	P18843	moad_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P30749	P18843	moae_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P12281	P18843	moea_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P12282	P18843	moeb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P76329	P18843	mpgp_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AF08	P18843	mrp_ecoli	nade_ecoli

P18843	NADE_ECOLI	*	P76346	P18843	mtfa_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A749	P18843	mura_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P22188	P18843	mure_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P11880	P18843	murf_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77245	P18843	murr_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P11458	P18843	nada_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AF18	P18843	naga_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A759	P18843	nagb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P75959	P18843	nagk_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A6L4	P18843	nana_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P11349	P18843	narh_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P19317	P18843	narw_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P63020	P18843	nfua_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77567	P18843	nhoa_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P04846	P18843	nlpa_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A903	P18843	nlpb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P31062	P18843	nohb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	Q46877	P18843	norv_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P28903	P18843	nrdd_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AC65	P18843	nrdr_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A8D0	P18843	nrdr_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0ABL1	P18843	nrfb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P32712	P18843	nrfg_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AFC0	P18843	nudb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77788	P18843	nudg_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A780	P18843	nusb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77737	P18843	oppf_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P33362	P18843	osmf_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P04391	P18843	otc1_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P31678	P18843	otsb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AFI0	P18843	oxc_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A9L8	P18843	p5cr_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P76078	P18843	paab_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A9J4	P18843	pane_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P05459	P18843	pdxb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P29745	P18843	pept_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A9N4	P18843	pfla_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P09373	P18843	pflb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P36938	P18843	pgm_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AFJ5	P18843	phob_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P23836	P18843	phop_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P18133	P18843	pncb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P07003	P18843	poxb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P31992	P18843	ppta_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AFL6	P18843	ppx_ecoli	nade_ecoli

P18843	NADE_ECOLI	* P0A8T1	P18843	prma_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77541	P18843	prpb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P31660	P18843	prpc_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77243	P18843	prpd_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P33025	P18843	psug_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P30235	P18843	psuk_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P08839	P18843	pt1_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A9M8	P18843	pta_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P69816	P18843	ptfb2_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P05458	P18843	ptr_a_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AB89	P18843	pur8_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P15639	P18843	pur9_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AG18	P18843	pure_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P09029	P18843	purk_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P33221	P18843	purt_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P37906	P18843	puub_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P05020	P18843	pyrc_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A7E5	P18843	pyrg_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P39315	P18843	qor2_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A7F9	P18843	quea_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P76062	P18843	racr_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A7G2	P18843	rbfa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P02925	P18843	rbsb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A7G6	P18843	reca_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P24230	P18843	recg_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0C079	P18843	relb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A7I0	P18843	rf1_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AFW0	P18843	rfah_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P25888	P18843	rhle_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77215	P18843	rhmd_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P25539	P18843	ribd_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AG40	P18843	ribf_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P41409	P18843	riha_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P33022	P18843	rihb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AEI4	P18843	rimo_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A7J7	P18843	rl11_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A7L8	P18843	rl27_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A7M6	P18843	rl29_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P75864	P18843	rlml_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P36979	P18843	rlmn_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P32684	P18843	rluf_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P37744	P18843	rmla1_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P37759	P18843	rmlb1_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P30850	P18843	rnb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AFW4	P18843	rnk_ecoli	nade_ecoli

P18843	NADE_ECOLI	*	P00579	P18843	rpod_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0ADZ4	P18843	rs15_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A7T3	P18843	rs16_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P39406	P18843	rsmc_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P75817	P18843	rumb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P75898	P18843	ruta_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AFQ5	P18843	rutc_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A809	P18843	ruva_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AG76	P18843	sbcd_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P00926	P18843	sdhd_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P16456	P18843	seld_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AGB0	P18843	serb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P23721	P18843	serc_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P33018	P18843	sfgh2_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P36566	P18843	smta_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P21170	P18843	spea_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P60651	P18843	speb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AFV4	P18843	spr_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P80645	P18843	ssud_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AG78	P18843	subi_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77667	P18843	sufa_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P76194	P18843	sufe_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0ADG4	P18843	suhb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P75792	P18843	suph_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P21888	P18843	syc_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P21889	P18843	syd_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A8N3	P18843	syk1_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A8M0	P18843	syn_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A8M3	P18843	syt_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P00954	P18843	syw_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AGJ9	P18843	syy_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P08957	P18843	t1mk_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A867	P18843	tala_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P07913	P18843	tdh_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AGG2	P18843	tesb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A847	P18843	tgt_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P30138	P18843	thif_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AGG0	P18843	thil_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A850	P18843	tig_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AGG8	P18843	tldd_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P28904	P18843	trec_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A877	P18843	trpa_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A879	P18843	trpb_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P00909	P18843	trpc_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P00895	P18843	trpe_ecoli	nade_ecoli

P18843	NADE_ECOLI	* P0A9P4	P18843	trxb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A890	P18843	tusa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P75728	P18843	ubif_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P37903	P18843	uspf_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P43672	P18843	uup_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A6L7	P18843	uxab_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A8G3	P18843	uxac_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P24215	P18843	uxua_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P39160	P18843	uxub_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P75970	P18843	vxis_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P37750	P18843	wbbj_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77414	P18843	wcaa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P45563	P18843	xapa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P36680	P18843	yacf_ecoli	nade_ecoli
P18843	NADE_ECOLI	* Q47158	P18843	yafp_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77165	P18843	yagt_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77736	P18843	yahd_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77297	P18843	yahe_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77221	P18843	yahg_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77554	P18843	yahj_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P75691	P18843	yahk_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AAN5	P18843	yaia_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P51024	P18843	yail_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77735	P18843	yajo_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A8B5	P18843	ybab_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AAR3	P18843	ybak_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A9T8	P18843	ybba_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P68661	P18843	ybco_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A8Y8	P18843	ybdb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AAS9	P18843	ybdd_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P45579	P18843	ybdh_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77806	P18843	ybdl_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77174	P18843	ybdm_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A8J4	P18843	ybed_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AAT9	P18843	ybel_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P75746	P18843	ybgf_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P75767	P18843	ybhk_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AA84	P18843	ybho_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P30176	P18843	ybia_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P41039	P18843	ybii_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AB14	P18843	yccj_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AB24	P18843	ycdo_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P75914	P18843	ycdx_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AFQ7	P18843	ycfh_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AB43	P18843	ycgl_ecoli	nade_ecoli

P18843	NADE_ECOLI	*	P76010	P18843	ycgr_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P39165	P18843	ycho_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A8Z0	P18843	ycia_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P21363	P18843	ycie_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P21361	P18843	ycig_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AB55	P18843	ycii_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AB61	P18843	ycin_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P76034	P18843	ycit_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77615	P18843	ycjw_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P38394	P18843	ydae_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P76063	P18843	ydas_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P76069	P18843	yday_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P37757	P18843	ydde_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P39831	P18843	ydfg_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P76165	P18843	ydfx_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P64463	P18843	ydfz_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77552	P18843	ydhq_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77148	P18843	ydhs_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0ACX5	P18843	ydhz_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0ACX9	P18843	ydie_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77337	P18843	ydis_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77280	P18843	ydj_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P39173	P18843	yead_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P76234	P18843	yeae_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0ACY3	P18843	yeag_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P64483	P18843	yeak_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P76243	P18843	yeao_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P64488	P18843	year_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0A8A0	P18843	yebc_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0ACY9	P18843	yebg_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AD07	P18843	yecf_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P46887	P18843	yech_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AD10	P18843	yecj_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AA31	P18843	yedf_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P76318	P18843	yedk_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P76321	P18843	yedn_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P76364	P18843	yeeu_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P64524	P18843	yeev_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P76396	P18843	yegl_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P76407	P18843	yegs_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P76418	P18843	yegu_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P76419	P18843	yegv_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P0AD21	P18843	yejg_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P64540	P18843	yfcl_ecoli	nade_ecoli
P18843	NADE_ECOLI	*	P77196	P18843	yfcu_ecoli	nade_ecoli

P18843	NADE_ECOLI	* P76518	P18843	yfde_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77434	P18843	yfdz_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P76536	P18843	yfex_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P76569	P18843	yfgd_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AFU4	P18843	yfha_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P52102	P18843	yfhl_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A6G3	P18843	ygad_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P76632	P18843	ygck_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AGF2	P18843	ygdk_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ADE8	P18843	ygfz_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P52062	P18843	yggw_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P30871	P18843	ygif_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ADU2	P18843	ygin_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AGK4	P18843	yhby_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ADW6	P18843	yhcc_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P64616	P18843	yhco_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P67624	P18843	yheu_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P45545	P18843	yhfs_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P37631	P18843	yhin_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P37634	P18843	yhir_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P32141	P18843	yiht_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A9V8	P18843	yihu_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P32162	P18843	yiis_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P09162	P18843	yjaa_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P68206	P18843	ybjj_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P32704	P18843	yjcf_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AF67	P18843	yjee_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P39342	P18843	yjgr_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A9W3	P18843	yjjk_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P75713	P18843	ylba_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0ACV8	P18843	ymja_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P76068	P18843	ynak_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0AA57	P18843	yoba_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P76280	P18843	yobb_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P33368	P18843	yohf_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P77585	P18843	ypde_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P42620	P18843	yqjg_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P45465	P18843	yran_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P0A9W6	P18843	yrba_ecoli	nade_ecoli
P18843	NADE_ECOLI	* P46857	P18843	yrhb_ecoli	nade_ecoli
P0AF20	NAGC_ECOLI	* P31441	P0AF20	adec_ecoli	nagc_ecoli
P0AF20	NAGC_ECOLI	* P0A9H9	P0AF20	chez_ecoli	nagc_ecoli
P0AF20	NAGC_ECOLI	* P0ABJ1	P0AF20	cyoa_ecoli	nagc_ecoli
P0AF20	NAGC_ECOLI	* P0AEL6	P0AF20	fepb_ecoli	nagc_ecoli

P0A6L4	NANA_ECOLI	* P28721	P0A6L4	gltf_ecoli	nana_ecoli
P0A6L4	NANA_ECOLI	* P0AAN5	P0A6L4	yaia_ecoli	nana_ecoli
P0A8W0	NANR_ECOLI	* P0A8S1	P0A8W0	icia_ecoli	nanr_ecoli
P0AAL3	NAPG_ECOLI	* P0AAI5	P0AAL3	fabf_ecoli	napg_ecoli
P0AAL3	NAPG_ECOLI	* P31802	P0AAL3	narp_ecoli	napg_ecoli
P0AAL3	NAPG_ECOLI	* P30136	P0AAL3	thic_ecoli	napg_ecoli
P0AAL3	NAPG_ECOLI	* P0A6L7	P0AAL3	uxab_ecoli	napg_ecoli
P09152	NARG_ECOLI	* P0A6F5	P09152	ch60_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P0A6G7	P09152	clpp_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P08622	P09152	dnaj_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P77319	P09152	hscg_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P0A6H5	P09152	hslu_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P0A9X4	P09152	mreb_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P11349	P09152	narh_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P11349	P09152	narh_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P11349	P09152	narh_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P0AF26	P09152	narj_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P0AF26	P09152	narj_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P19317	P09152	narw_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P19317	P09152	narw_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P19318	P09152	nary_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P19319	P09152	narz_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P0AAH0	P09152	pstb_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P15254	P09152	pur4_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P0CG19	P09152	rnph_ecoli	narg_ecoli
P09152	NARG_ECOLI	* P0A698	P09152	uvra_ecoli	narg_ecoli
P11349	NARH_ECOLI	* P68644	P11349	fixc_ecoli	narh_ecoli
P11349	NARH_ECOLI	* P0AEP7	P11349	gcl_ecoli	narh_ecoli
P11349	NARH_ECOLI	* P09152	P11349	narg_ecoli	narh_ecoli
P11349	NARH_ECOLI	* P09152	P11349	narg_ecoli	narh_ecoli
P11349	NARH_ECOLI	* P09152	P11349	narg_ecoli	narh_ecoli
P11349	NARH_ECOLI	* P09152	P11349	narg_ecoli	narh_ecoli
P11349	NARH_ECOLI	* P09152	P11349	narg_ecoli	narh_ecoli
P11349	NARH_ECOLI	* P09152	P11349	narg_ecoli	narh_ecoli
P11349	NARH_ECOLI	* P0AF26	P11349	narj_ecoli	narh_ecoli
P11349	NARH_ECOLI	* P0AF26	P11349	narj_ecoli	narh_ecoli
P11349	NARH_ECOLI	* P19317	P11349	narw_ecoli	narh_ecoli
P11349	NARH_ECOLI	* P19318	P11349	nary_ecoli	narh_ecoli
P11349	NARH_ECOLI	* P19319	P11349	narz_ecoli	narh_ecoli
P11349	NARH_ECOLI	* P19319	P11349	narz_ecoli	narh_ecoli

P11349	NARH_ECOLI	* P30235	P11349	psuk_ecoli	narh_ecoli
P0AF26	NARJ_ECOLI	* P09152	P0AF26	narg_ecoli	narj_ecoli
P0AF26	NARJ_ECOLI	* P09152	P0AF26	narg_ecoli	narj_ecoli
P0AF28	NARL_ECOLI	* P76556	P0AF28	eutp_ecoli	narl_ecoli
P0AF28	NARL_ECOLI	* P37128	P0AF28	nudk_ecoli	narl_ecoli
P31802	NARP_ECOLI	none			
P38489	NFNB_ECOLI	* P0A9X9	P38489	cspa_ecoli	nfnb_ecoli
P38489	NFNB_ECOLI	* P11557	P38489	damx_ecoli	nfnb_ecoli
P38489	NFNB_ECOLI	* P0ACF4	P38489	dbhb_ecoli	nfnb_ecoli
P38489	NFNB_ECOLI	* P0AEE3	P38489	degs_ecoli	nfnb_ecoli
P38489	NFNB_ECOLI	* P24200	P38489	mcra_ecoli	nfnb_ecoli
P38489	NFNB_ECOLI	* P69791	P38489	ptqa_ecoli	nfnb_ecoli
P38489	NFNB_ECOLI	* P25888	P38489	rhle_ecoli	nfnb_ecoli
P38489	NFNB_ECOLI	* P0A7W1	P38489	rs5_ecoli	nfnb_ecoli
P38489	NFNB_ECOLI	* P60472	P38489	upps_ecoli	nfnb_ecoli
P38489	NFNB_ECOLI	* P52119	P38489	yfjf_ecoli	nfnb_ecoli
P38489	NFNB_ECOLI	* P37634	P38489	yhir_ecoli	nfnb_ecoli
P38489	NFNB_ECOLI	* P76148	P38489	yneg_ecoli	nfnb_ecoli
P17117	NFSA_ECOLI	none			
P63020	NFUA_ECOLI	none			
P0A9G2	NHAR_ECOLI	none			
P52647	NIFJ_ECOLI	* P07364	P52647	cher_ecoli	nifj_ecoli
P52647	NIFJ_ECOLI	* P39405	P52647	fhuf_ecoli	nifj_ecoli
P52647	NIFJ_ECOLI	* Q47154	P52647	mbha_ecoli	nifj_ecoli
P52647	NIFJ_ECOLI	* P52647	P52647	nifj_ecoli	nifj_ecoli
P52647	NIFJ_ECOLI	* P0A8D0	P52647	nrdr_ecoli	nifj_ecoli
P08201	NIRB_ECOLI	none			
P0AF63	NSRR_ECOLI	none			
P0AFB8	NTRC_ECOLI	* P68644	P0AFB8	fixc_ecoli	ntrc_ecoli
P0AFB8	NTRC_ECOLI	* P33232	P0AFB8	lidd_ecoli	ntrc_ecoli
P0AFB8	NTRC_ECOLI	* P0AFB5	P0AFB8	ntrb_ecoli	ntrc_ecoli
P0AFB8	NTRC_ECOLI	* P0AFB5	P0AFB8	ntrb_ecoli	ntrc_ecoli
P0AFB8	NTRC_ECOLI	* P0AFB8	P0AFB8	ntrc_ecoli	ntrc_ecoli
P0AFB8	NTRC_ECOLI	* P31828	P0AFB8	pqqi_ecoli	ntrc_ecoli

P0AFB8	NTRC_ECOLI	* P24211	P0AFB8	rhse_ecoli	ntrc_ecoli
P0AFC0	NUDB_ECOLI	none			
P32664	NUDC_ECOLI	* P0A850	P32664	tig_ecoli	nudc_ecoli
P37128	NUDK_ECOLI	* P12282	P37128	moeb_ecoli	nudk_ecoli
P0AFC3	NUOA_ECOLI	none			
P33599	NUOCD_ECOLI	* P0A6H5	P33599	hslu_ecoli	nuocd_ecoli
P33599	NUOCD_ECOLI	* P0A9X4	P33599	mreb_ecoli	nuocd_ecoli
P33599	NUOCD_ECOLI	* P36979	P33599	rlmn_ecoli	nuocd_ecoli
P31979	NUOF_ECOLI	* P13039	P31979	fes_ecoli	nuof_ecoli
P31979	NUOF_ECOLI	* P23256	P31979	maly_ecoli	nuof_ecoli
P31979	NUOF_ECOLI	* P0AFD1	P31979	nuoe_ecoli	nuof_ecoli
P33602	NUOG_ECOLI	* P28249	P33602	asma_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P12995	P33602	bioa_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P0A6F5	P33602	ch60_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P0A9F3	P33602	cysb_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P52613	P33602	flij_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P0A9S3	P33602	gatd_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P0AES2	P33602	gudh_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P77319	P33602	hscg_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P19930	P33602	hyad_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P37769	P33602	kdud_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P77432	P33602	lsrk_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P0ACR9	P33602	mpra_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P24205	P33602	msbb_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P0A9I5	P33602	napd_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P63020	P33602	nfua_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P33599	P33602	nuocd_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P0AFD1	P33602	nuoe_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P31979	P33602	nuof_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P11875	P33602	syr_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P76422	P33602	thid_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P77766	P33602	trph_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P0A8E5	P33602	yacl_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P77627	P33602	yber_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P76403	P33602	yegq_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P33347	P33602	yehk_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P39279	P33602	yjej_ecoli	nuog_ecoli
P33602	NUOG_ECOLI	* P0A8D6	P33602	ymdb_ecoli	nuog_ecoli

P33602	NUOG_ECOLI	* P0A8W5	P33602	yqge_ecoli	nuog_ecoli
P0AFF6	NUSA_ECOLI	* P0AC53	P0AFF6	g6pd_ecoli	nusa_ecoli
P0AFF6	NUSA_ECOLI	* P0A6Y1	P0AFF6	ihfb_ecoli	nusa_ecoli
P0AFF6	NUSA_ECOLI	* P60240	P0AFF6	rapa_ecoli	nusa_ecoli
P0AFF6	NUSA_ECOLI	* P0A7Z4	P0AFF6	rpoa_ecoli	nusa_ecoli
P0AFF6	NUSA_ECOLI	* P0A7Z4	P0AFF6	rpoa_ecoli	nusa_ecoli
P0AFF6	NUSA_ECOLI	* P0A8V2	P0AFF6	rpob_ecoli	nusa_ecoli
P0AFF6	NUSA_ECOLI	* P0A8V2	P0AFF6	rpob_ecoli	nusa_ecoli
P0AFF6	NUSA_ECOLI	* P0A8T7	P0AFF6	rpoc_ecoli	nusa_ecoli
P0AFF6	NUSA_ECOLI	* P00579	P0AFF6	rpod_ecoli	nusa_ecoli
P0AFF6	NUSA_ECOLI	* P00579	P0AFF6	rpod_ecoli	nusa_ecoli
P0AFF6	NUSA_ECOLI	* P0A800	P0AFF6	rpoz_ecoli	nusa_ecoli
P0AFF6	NUSA_ECOLI	* P0A8E5	P0AFF6	yacl_ecoli	nusa_ecoli
P0A780	NUSB_ECOLI	* P0A7R5	P0A780	rs10_ecoli	nusb_ecoli
P0A780	NUSB_ECOLI	* P0A7R5	P0A780	rs10_ecoli	nusb_ecoli
P0A780	NUSB_ECOLI	* P0A7R5	P0A780	rs10_ecoli	nusb_ecoli
P0AFG3	ODO1_ECOLI	* P28629	P0AFG3	adia_ecoli	odo1_ecoli
P0AFG3	ODO1_ECOLI	* P0A8G0	P0AFG3	uvrc_ecoli	odo1_ecoli
P0AFG3	ODO1_ECOLI	* P75849	P0AFG3	ycbl_ecoli	odo1_ecoli
P0AFG3	ODO1_ECOLI	* P63389	P0AFG3	yhes_ecoli	odo1_ecoli
P0AFG6	ODO2_ECOLI	* P68767	P0AFG6	ampa_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P13001	P0AFG6	bioh_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P76316	P0AFG6	dcyd_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P76316	P0AFG6	dcyd_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P08622	P0AFG6	dnaj_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P0A6Q3	P0AFG6	faba_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P37005	P0AFG6	last_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P04816	P0AFG6	livk_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P0A725	P0AFG6	lpxc_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P0AFG0	P0AFG6	nusg_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P0ADY1	P0AFG6	ppid_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P0A836	P0AFG6	succ_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P0AGJ9	P0AFG6	syy_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P0A850	P0AFG6	tig_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P0A8G0	P0AFG6	uvrc_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P77301	P0AFG6	ybap_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P12994	P0AFG6	ybhb_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P46130	P0AFG6	ybhc_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P22525	P0AFG6	ycbb_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P75990	P0AFG6	ycgf_ecoli	odo2_ecoli
P0AFG6	ODO2_ECOLI	* P77721	P0AFG6	ydjf_ecoli	odo2_ecoli

POAFG6	ODO2_ECOLI	*	P77704	POAFG6	ydji_ecoli	odo2_ecoli
POAFG6	ODO2_ECOLI	*	P64540	POAFG6	yfcl_ecoli	odo2_ecoli
POAFG6	ODO2_ECOLI	*	P46852	POAFG6	yhhw_ecoli	odo2_ecoli
POAFG6	ODO2_ECOLI	*	P45465	POAFG6	yran_ecoli	odo2_ecoli
POAFG8	ODP1_ECOLI	*	P00363	POAFG9	frda_ecoli	odp1_eco57
POAFG8	ODP1_ECOLI	*	P0A915	POAFG9	ompw_ecoli	odp1_eco57
POAFG8	ODP1_ECOLI	*	P0A6A8	POAFG8	acp_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P46883	POAFG8	amo_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P08202	POAFG8	araa_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P0AE60	POAFG8	ceda_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P0AE67	POAFG8	chey_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P0AE67	POAFG8	chey_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P0A6G7	POAFG8	clpp_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P76291	POAFG8	cmob_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P36995	POAFG8	cspb_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P0A968	POAFG8	cspd_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P0A9P6	POAFG8	dead_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P0A9P6	POAFG8	dead_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P0A9P0	POAFG8	dldh_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P0AEE8	POAFG8	dma_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P0ACB0	POAFG8	dnab_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P08622	POAFG8	dnaj_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P15042	POAFG8	dnlj_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P33371	POAFG8	dusc_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P77488	POAFG8	dxs_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P32177	POAFG8	fdhd_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P24183	POAFG8	fdng_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P24183	POAFG8	fdng_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P0ABH0	POAFG8	ftsa_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P46889	POAFG8	ftsk_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P14407	POAFG8	fumb_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P05852	POAFG8	gcp_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P0A6W5	POAFG8	grea_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P0ACF8	POAFG8	hns_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P28631	POAFG8	holb_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P43329	POAFG8	hrpa_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P0AEV9	POAFG8	hyci_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P08142	POAFG8	ilvb_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P08142	POAFG8	ilvb_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P0A9H3	POAFG8	ldci_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P61316	POAFG8	lola_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P25522	POAFG8	mnme_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P25522	POAFG8	mnme_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	*	P24205	POAFG8	msbb_ecoli	odp1_ecoli

POAFG8	ODP1_ECOLI	* P33937	POAFG8	napa_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P33593	POAFG8	nikd_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0AFC0	POAFG8	nudb_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P37128	POAFG8	nudk_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0AFF6	POAFG8	nusa_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0AFH0	POAFG8	ogt_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0ACL9	POAFG8	pdhr_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0A9K3	POAFG8	phol_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P07004	POAFG8	proa_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P37906	POAFG8	puub_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P15032	POAFG8	rece_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P21893	POAFG8	recj_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P15043	POAFG8	recq_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0AG20	POAFG8	rela_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0A8J8	POAFG8	rhlb_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0AG40	POAFG8	ribf_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P36979	POAFG8	rlmn_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P37765	POAFG8	rlub_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0AA39	POAFG8	rluc_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0A7Y4	POAFG8	rnh_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0A7Z4	POAFG8	rpoa_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P39286	POAFG8	rsga_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0A6U5	POAFG8	rsmg_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0A6U5	POAFG8	rsmg_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0A812	POAFG8	ruvb_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P14081	POAFG8	selb_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P76072	POAFG8	stfr_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0AG78	POAFG8	subi_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P16659	POAFG8	syp_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P11875	POAFG8	syr_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0A847	POAFG8	tgt_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0A850	POAFG8	tig_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P23003	POAFG8	trma_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0A8I5	POAFG8	trmb_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P00895	POAFG8	trpe_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0A890	POAFG8	tusa_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P26602	POAFG8	ubic_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0A8G0	POAFG8	uvrc_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P03018	POAFG8	uvrd_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0A9U1	POAFG8	ybhf_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0A9U1	POAFG8	ybhf_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P75767	POAFG8	ybhk_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P75990	POAFG8	ycgf_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P75990	POAFG8	ycgf_ecoli	odp1_ecoli
POAFG8	ODP1_ECOLI	* P0A8L7	POAFG8	yciu_ecoli	odp1_ecoli

P0AFG8	ODP1_ECOLI	*	P0A8L7	P0AFG8	yciu_ecoli	odp1_ecoli
P0AFG8	ODP1_ECOLI	*	P76049	P0AFG8	ycjy_ecoli	odp1_ecoli
P0AFG8	ODP1_ECOLI	*	P77302	P0AFG8	ydam_ecoli	odp1_ecoli
P0AFG8	ODP1_ECOLI	*	P33666	P0AFG8	ydba_ecoli	odp1_ecoli
P0AFG8	ODP1_ECOLI	*	P77564	P0AFG8	ydhw_ecoli	odp1_ecoli
P0AFG8	ODP1_ECOLI	*	P0A8A4	P0AFG8	ydia_ecoli	odp1_ecoli
P0AFG8	ODP1_ECOLI	*	P52126	P0AFG8	yfjk_ecoli	odp1_ecoli
P0AFG8	ODP1_ECOLI	*	P38036	P0AFG8	ygcb_ecoli	odp1_ecoli
P0AFG8	ODP1_ECOLI	*	P30871	P0AFG8	ygif_ecoli	odp1_ecoli
P0AFG8	ODP1_ECOLI	*	P45527	P0AFG8	yhbu_ecoli	odp1_ecoli
P0AFG8	ODP1_ECOLI	*	P37634	P0AFG8	yhir_ecoli	odp1_ecoli
P0AFG8	ODP1_ECOLI	*	P0A8N7	P0AFG8	yjea_ecoli	odp1_ecoli
P0AFG8	ODP1_ECOLI	*	P76170	P0AFG8	ynfb_ecoli	odp1_ecoli
P0AFG8	ODP1_ECOLI	*	P76257	P0AFG8	yoaa_ecoli	odp1_ecoli
P0AFG8	ODP1_ECOLI	*	P45465	P0AFG8	yran_ecoli	odp1_ecoli
P0AFG8	ODP1_ECOLI	*	P0A9X1	P0AFG8	znuc_ecoli	odp1_ecoli
P06959	ODP2_ECOLI	*	P0A6A8	P06959	acp_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P33224	P06959	aidb_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P33224	P06959	aidb_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0AE60	P06959	ceda_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0AE60	P06959	ceda_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0AE67	P06959	chey_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0AE67	P06959	chey_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P36995	P06959	cspb_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0AED9	P06959	dcm_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A9P0	P06959	dldh_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P77399	P06959	fadj_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P32177	P06959	fdhd_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0ADH5	P06959	fimb_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0AES4	P06959	gyra_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P43329	P06959	hrpa_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P37024	P06959	hrpb_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P16528	P06959	iclr_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P32053	P06959	inta_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P32053	P06959	inta_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P37326	P06959	ints_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P37326	P06959	ints_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A9I5	P06959	napd_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0AF26	P06959	narj_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P68739	P06959	nfi_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P68739	P06959	nfi_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0AFH0	P06959	ogt_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0C7L2	P06959	paaj_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P76086	P06959	paax_ecoli	odp2_ecoli

P06959	ODP2_ECOLI	*	P0AFI2	P06959	parc_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0ACL9	P06959	pdhr_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A9K3	P06959	phol_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A9K3	P06959	phol_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P00490	P06959	phsm_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P00490	P06959	phsm_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0ADI0	P06959	pinr_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0ADI0	P06959	pinr_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A7B1	P06959	ppk_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0AA53	P06959	qmca_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P24230	P06959	recg_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P21893	P06959	recj_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P15043	P06959	recq_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P15043	P06959	recq_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0C0R7	P06959	rlme_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P36979	P06959	rlmn_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0AA39	P06959	rluc_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A7Y4	P06959	rnh_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A7Y4	P06959	rnh_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A7Y8	P06959	rnpa_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P30014	P06959	rnt_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A7Z4	P06959	rpoa_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A6U5	P06959	rsmg_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P67087	P06959	rsmi_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P14081	P06959	selb_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P68398	P06959	tada_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A847	P06959	tgt_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P07604	P06959	tyrr_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P26602	P06959	ubic_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A9W0	P06959	ular_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A8F8	P06959	uvrb_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A8F8	P06959	uvrb_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P03018	P06959	uvrd_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0AAS7	P06959	ybcj_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0AAS7	P06959	ybcj_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A9U1	P06959	ybhf_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P75829	P06959	ybjx_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P24188	P06959	ycea_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P75990	P06959	ycgf_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A8L7	P06959	yciu_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P77302	P06959	ydam_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P30871	P06959	ygif_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P45527	P06959	yhbu_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0ADK8	P06959	yibl_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A8N7	P06959	yjea_ecoli	odp2_ecoli

P06959	ODP2_ECOLI	*	P31806	P06959	yjef_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P31806	P06959	yjef_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0AF90	P06959	yjgd_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P45465	P06959	yrans_ecoli	odp2_ecoli
P06959	ODP2_ECOLI	*	P0A9X1	P06959	znuc_ecoli	odp2_ecoli
P0A910	OMPA_ECOLI	*	P78285	P0A910	lysd_ecoli	ompa_ecoli
P0A910	OMPA_ECOLI	*	P0A9X4	P0A910	mreb_ecoli	ompa_ecoli
P0A910	OMPA_ECOLI	*	P0AF26	P0A910	narj_ecoli	ompa_ecoli
P0A910	OMPA_ECOLI	*	P0A910	P0A910	ompa_ecoli	ompa_ecoli
P0A910	OMPA_ECOLI	*	P37095	P0A910	pepb_ecoli	ompa_ecoli
P0A910	OMPA_ECOLI	*	P0AA25	P0A910	thio_ecoli	ompa_ecoli
P0A910	OMPA_ECOLI	*	P0A850	P0A910	tig_ecoli	ompa_ecoli
P0A910	OMPA_ECOLI	*	P0A850	P0A910	tig_ecoli	ompa_ecoli
P0A910	OMPA_ECOLI	*	P05847	P0A910	ttda_ecoli	ompa_ecoli
P0A910	OMPA_ECOLI	*	P30871	P0A910	ygif_ecoli	ompa_ecoli
P0A910	OMPA_ECOLI	*	P30871	P0A910	ygif_ecoli	ompa_ecoli
P06996	OMPC_ECOLI	*	P0C054	P06996	ibpa_ecoli	ompc_ecoli
P06996	OMPC_ECOLI	*	P0A9X4	P06996	mreb_ecoli	ompc_ecoli
P06996	OMPC_ECOLI	*	P36979	P06996	rlmn_ecoli	ompc_ecoli
P06996	OMPC_ECOLI	*	P0AA25	P06996	thio_ecoli	ompc_ecoli
P06996	OMPC_ECOLI	*	P30871	P06996	ygif_ecoli	ompc_ecoli
P0AA16	OMPR_ECOLI	*	P0A756	P0AA16	kefg_ecoli	ompr_ecoli
P0AA16	OMPR_ECOLI	*	P0A9J6	P0AA16	rbsk_ecoli	ompr_ecoli
P0AA16	OMPR_ECOLI	*	P0AA25	P0AA16	thio_ecoli	ompr_ecoli
P0AA16	OMPR_ECOLI	*	P64588	P0AA16	yqji_ecoli	ompr_ecoli
P09169	OMPT_ECOLI		none			
P27298	OPDA_ECOLI	*	P42641	P27298	obg_ecoli	opda_ecoli
P33136	OPGG_ECOLI	*	P06989	P33136	his2_ecoli	opgg_ecoli
P33136	OPGG_ECOLI	*	P0A850	P33136	tig_ecoli	opgg_ecoli
P23843	OPPA_ECOLI		none			
P0A784	ORN_ECOLI		none			
P0C0L2	OSMC_ECOLI		none			
P33362	OSMF_ECOLI	*	P0AGJ5	P33362	yfif_ecoli	osmf_ecoli
P31677	OTSA_ECOLI		none			

P0ACQ4	OXYR_ECOLI	* P24224	P0ACQ4	acps_ecoli	oxyr_ecoli
P31663	PANC_ECOLI	* P33937	P31663	napa_ecoli	panc_ecoli
P31663	PANC_ECOLI	* P0A790	P31663	pand_ecoli	panc_ecoli
P31663	PANC_ECOLI	* P27431	P31663	ycfd_ecoli	panc_ecoli
P31663	PANC_ECOLI	* P65556	P31663	yfcd_ecoli	panc_ecoli
P31663	PANC_ECOLI	* P65556	P31663	yfcd_ecoli	panc_ecoli
P0AFI2	PARC_ECOLI	* P22523	P0AFI2	mukb_ecoli	parc_ecoli
P0AFI2	PARC_ECOLI	* P20083	P0AFI2	pare_ecoli	parc_ecoli
P0AFI2	PARC_ECOLI	* P28043	P0AFI2	ssb2_ecolx	parc_ecoli
P0AFI2	PARC_ECOLI	* P0A832	P0AFI2	ssrp_ecoli	parc_ecoli
P02919	PBPB_ECOLI	* P29131	P02919	ftsn_ecoli	pbpb_ecoli
P02919	PBPB_ECOLI	* P29131	P02919	ftsn_ecoli	pbpb_ecoli
P02919	PBPB_ECOLI	* P29131	P02919	ftsn_ecoli	pbpb_ecoli
P02919	PBPB_ECOLI	* P07003	P02919	poxb_ecoli	pbpb_ecoli
P02919	PBPB_ECOLI	* P32171	P02919	rhab_ecoli	pbpb_ecoli
P22259	PCKA_ECOLI	* P00350	P22259	6pgd_ecoli	pcka_ecoli
P0ABF1	PCNB_ECOLI	none			
P0ACL9	PDHR_ECOLI	* P30859	P0ACL9	arti_ecoli	pdhr_ecoli
P19624	PDXA_ECOLI	* P68646	P19624	fixx_ecoli	pdx_a_ecoli
P19624	PDXA_ECOLI	* P0AEM0	P19624	fkbx_ecoli	pdx_a_ecoli
P40191	PDXK_ECOLI	none			
P77150	PDXY_ECOLI	none			
P37095	PEPB_ECOLI	* P0ABB0	P37095	atpa_ecoli	pepb_ecoli
P37095	PEPB_ECOLI	* P0A6Y8	P37095	dnak_ecoli	pepb_ecoli
P37095	PEPB_ECOLI	* P30130	P37095	fimd_ecoli	pepb_ecoli
P37095	PEPB_ECOLI	* P28630	P37095	hola_ecoli	pepb_ecoli
P37095	PEPB_ECOLI	* P0A6Z1	P37095	hsca_ecoli	pepb_ecoli
P37095	PEPB_ECOLI	* P0A6Z3	P37095	htpg_ecoli	pepb_ecoli
P37095	PEPB_ECOLI	* P04951	P37095	kdsb_ecoli	pepb_ecoli
P37095	PEPB_ECOLI	* P0A749	P37095	mura_ecoli	pepb_ecoli
P37095	PEPB_ECOLI	* P0A7C6	P37095	pepe_ecoli	pepb_ecoli
P37095	PEPB_ECOLI	* P52061	P37095	rdgb_ecoli	pepb_ecoli
P37095	PEPB_ECOLI	* P00579	P37095	rpod_ecoli	pepb_ecoli
P37095	PEPB_ECOLI	* P0A8A4	P37095	ydia_ecoli	pepb_ecoli

P37095	PEPB_ECOLI	* P32151	P37095	yiig_ecoli	pepb_ecoli
P15288	PEPD_ECOLI	* P00350	P15288	6pgd_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0A9Q5	P15288	accd_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0AB96	P15288	arsc_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0AE72	P15288	chpr_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0ACF4	P15288	dbhb_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0A6L0	P15288	deoc_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0ABS1	P15288	dksa_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P06968	P15288	dut_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0ADI4	P15288	entb_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P76540	P15288	eutk_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0A9R4	P15288	fer_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0A8P3	P15288	fetp_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0AEM4	P15288	flgm_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P43533	P15288	flgn_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P77609	P15288	flxa_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0ACK8	P15288	fucr_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0AC53	P15288	g6pd_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P62707	P15288	gpma_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P09372	P15288	grpe_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0ABS8	P15288	hole_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0A6L9	P15288	hscb_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P19931	P15288	hyae_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* Q46822	P15288	idi_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0ABU0	P15288	menb_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P25738	P15288	msyb_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0A9H1	P15288	mug_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P77245	P15288	murr_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0A9J4	P15288	pane_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P37590	P15288	pmrd_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P18133	P15288	pncb_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P77541	P15288	prpb_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P76062	P15288	racr_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0C079	P15288	relb_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0A7J0	P15288	ribb_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P45748	P15288	rimn_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P37146	P15288	rir4_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0AGE0	P15288	ssb_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P80645	P15288	ssud_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0A8F0	P15288	upp_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P41039	P15288	ybii_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0AB28	P15288	yced_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P0AB43	P15288	ycgl_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	* P21361	P15288	ycig_ecoli	pepd_ecoli

P15288	PEPD_ECOLI	*	P08245	P15288	ycih_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P64463	P15288	ydfz_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P64479	P15288	ydiz_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P64483	P15288	yeak_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P0ACY9	P15288	yebg_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P0AD10	P15288	yecj_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P33030	P15288	yeir_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P76464	P15288	yfas_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P77544	P15288	yfcf_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P77196	P15288	yfcu_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P77656	P15288	yfdk_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P52119	P15288	yfjf_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P64559	P15288	ygyf_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P67080	P15288	yggg_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P25536	P15288	yhde_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P09996	P15288	yidb_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P39279	P15288	yjej_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P75992	P15288	ymga_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P0A8W5	P15288	yqge_ecoli	pepd_ecoli
P15288	PEPD_ECOLI	*	P46857	P15288	yrhb_ecoli	pepd_ecoli
P21165	PEPQ_ECOLI	*	P0ACE0	P21165	mbhm_ecoli	pepq_ecoli
P21165	PEPQ_ECOLI	*	P33643	P21165	rlud_ecoli	pepq_ecoli
P29745	PEPT_ECOLI	*	P18335	P29745	argd_ecoli	pept_ecoli
P29745	PEPT_ECOLI	*	P0A858	P29745	tpis_ecoli	pept_ecoli
P29745	PEPT_ECOLI	*	P0A858	P29745	tpis_ecoli	pept_ecoli
P29745	PEPT_ECOLI	*	P38521	P29745	yggf_ecoli	pept_ecoli
P0A9N4	PFLA_ECOLI	*	P26612	P0A9N4	amy2_ecoli	pfla_ecoli
P0A9N4	PFLA_ECOLI	*	P45543	P0A9N4	frld_ecoli	pfla_ecoli
P0A9N4	PFLA_ECOLI	*	P0AAN3	P0A9N4	hypb_ecoli	pfla_ecoli
P0A9N4	PFLA_ECOLI	*	P0AB74	P0A9N4	kbay_ecoli	pfla_ecoli
P0A9N4	PFLA_ECOLI	*	P38393	P0A9N4	kil_ecoli	pfla_ecoli
P0A9N4	PFLA_ECOLI	*	P32173	P0A9N4	moba_ecoli	pfla_ecoli
P0A9N4	PFLA_ECOLI	*	P28305	P0A9N4	pabc_ecoli	pfla_ecoli
P0A9N4	PFLA_ECOLI	*	P31057	P0A9N4	panb_ecoli	pfla_ecoli
P0A9N4	PFLA_ECOLI	*	P37909	P0A9N4	ybgd_ecoli	pfla_ecoli
P0A9N4	PFLA_ECOLI	*	P30176	P0A9N4	ybia_ecoli	pfla_ecoli
P0A9N4	PFLA_ECOLI	*	P0A8N0	P0A9N4	ycbg_ecoli	pfla_ecoli
P0A9N4	PFLA_ECOLI	*	P64524	P0A9N4	yeev_ecoli	pfla_ecoli
P0A9N4	PFLA_ECOLI	*	P76396	P0A9N4	yegl_ecoli	pfla_ecoli
P0A9N4	PFLA_ECOLI	*	P0A9V8	P0A9N4	yihu_ecoli	pfla_ecoli
P0A9N4	PFLA_ECOLI	*	P75992	P0A9N4	ymga_ecoli	pfla_ecoli

P09373	PFLB_ECOLI	* P0ABB8	P09373	atma_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P77213	P09373	caal_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P06961	P09373	cca_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P0ABJ1	P09373	cyoa_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P45568	P09373	dxr_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P0A9A6	P09373	fts_z_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P27248	P09373	gcst_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P68066	P09373	grca_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P68066	P09373	grca_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P68066	P09373	grca_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P15038	P09373	held_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P77319	P09373	hsc_c_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P0C054	P09373	ibpa_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P0C054	P09373	ibpa_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P23331	P09373	kith_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P0AD61	P09373	kpyk1_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P21599	P09373	kpyk2_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P30126	P09373	leud_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P29745	P09373	pept_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P29745	P09373	pept_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P29745	P09373	pept_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P23869	P09373	ppib_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P15033	P09373	racc_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P60723	P09373	rl4_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P15082	P09373	srlr_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P0ACA3	P09373	sspa_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P77689	P09373	sufd_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P0A8N5	P09373	syk2_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P0A8N5	P09373	syk2_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P0A850	P09373	tig_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P0A858	P09373	tpis_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P0A858	P09373	tpis_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P0AAQ2	P09373	yajd_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P77174	P09373	ybdm_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P41039	P09373	ybii_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P27431	P09373	ycfd_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P64463	P09373	ydfz_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P0AD33	P09373	yfcz_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P32162	P09373	yiis_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P0AF67	P09373	yjee_ecoli	pflb_ecoli
P09373	PFLB_ECOLI	* P39279	P09373	yjej_ecoli	pflb_ecoli
P0A799	PGK_ECOLI	* P0AE08	P0A799	ahpc_ecoli	pgk_ecoli
P0A799	PGK_ECOLI	* P15038	P0A799	held_ecoli	pgk_ecoli
P0A799	PGK_ECOLI	* P05055	P0A799	pngp_ecoli	pgk_ecoli

P0A799	PGK_ECOLI	*	P69797	P0A799	ptnab_ecoli	pgk_ecoli
P0A799	PGK_ECOLI	*	P0A8N5	P0A799	syk2_ecoli	pgk_ecoli
P0A799	PGK_ECOLI	*	P08390	P0A799	usg_ecoli	pgk_ecoli
P36938	PGM_ECOLI	*	P0A9Q5	P36938	accd_ecoli	pgm_ecoli
P36938	PGM_ECOLI	*	P24171	P36938	dcp_ecoli	pgm_ecoli
P36938	PGM_ECOLI	*	P0AC53	P36938	g6pd_ecoli	pgm_ecoli
P36938	PGM_ECOLI	*	P37666	P36938	ghrb_ecoli	pgm_ecoli
P36938	PGM_ECOLI	*	P21499	P36938	rnr_ecoli	pgm_ecoli
P36938	PGM_ECOLI	*	P77489	P36938	yagr_ecoli	pgm_ecoli
P77366	PGMB_ECOLI	*	P0A8V0	P77366	rnz_ecoli	pgmb_ecoli
P0AFJ1	PHNA_ECOLI	*	P24218	P0AFJ1	intd_ecoli	phna_ecoli
P0AFJ1	PHNA_ECOLI	*	P21645	P0AFJ1	lpxd_ecoli	phna_ecoli
P16681	PHNB_ECOLI		none			
P0A9K3	PHOL_ECOLI	*	P0A8I5	P0A9K3	trmb_ecoli	phol_ecoli
P0A9K3	PHOL_ECOLI	*	P0A898	P0A9K3	ybey_ecoli	phol_ecoli
P23836	PHOP_ECOLI	*	P0A8G6	P23836	wrba_ecoli	phop_ecoli
P00490	PHSM_ECOLI	*	P0ACF0	P00490	dbha_ecoli	phsm_ecoli
P00490	PHSM_ECOLI	*	P0ACF4	P00490	dbhb_ecoli	phsm_ecoli
P00490	PHSM_ECOLI	*	P0ACF4	P00490	dbhb_ecoli	phsm_ecoli
P00490	PHSM_ECOLI	*	P00582	P00490	dpo1_ecoli	phsm_ecoli
P00490	PHSM_ECOLI	*	P00582	P00490	dpo1_ecoli	phsm_ecoli
P00490	PHSM_ECOLI	*	P0A6C1	P00490	end4_ecoli	phsm_ecoli
P00490	PHSM_ECOLI	*	P09030	P00490	ex3_ecoli	phsm_ecoli
P00490	PHSM_ECOLI	*	P0ACF8	P00490	hns_ecoli	phsm_ecoli
P00490	PHSM_ECOLI	*	P68739	P00490	nfi_ecoli	phsm_ecoli
P00490	PHSM_ECOLI	*	P0A7Y4	P00490	rnh_ecoli	phsm_ecoli
P00490	PHSM_ECOLI	*	P0A8T7	P00490	rpoc_ecoli	phsm_ecoli
P00490	PHSM_ECOLI	*	P28043	P00490	ssb2_ecolx	phsm_ecoli
P00490	PHSM_ECOLI	*	P0A832	P00490	ssrp_ecoli	phsm_ecoli
P00490	PHSM_ECOLI	*	P19705	P00490	t1se_ecolx	phsm_ecoli
P00490	PHSM_ECOLI	*	P06612	P00490	top1_ecoli	phsm_ecoli
P00490	PHSM_ECOLI	*	P03018	P00490	uvrd_ecoli	phsm_ecoli
Q46806	PHYDA_ECOLI		none			
P0AFK0	PMBA_ECOLI	*	P0ABD8	P0AFK0	bccp_ecoli	pmba_ecoli
P37590	PMRD_ECOLI		none			

P05055	PNP_ECOLI	*	P0A9Y6	P05055	cspc_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P0A968	P05055	cspd_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P0A972	P05055	cspe_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P0A6P9	P05055	eno_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P0A6P9	P05055	eno_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P0A6X3	P05055	hfq_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P0C054	P05055	ibpa_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P0C054	P05055	ibpa_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P0A9X4	P05055	mreb_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P22188	P05055	mure_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P0A799	P05055	pgk_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P00490	P05055	phsm_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P23830	P05055	pss_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P0A8J8	P05055	rhlb_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P0A8J8	P05055	rhlb_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P36979	P05055	rlmn_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P37765	P05055	rlub_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P21513	P05055	rne_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P21513	P05055	rne_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P21513	P05055	rne_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P21513	P05055	rne_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P21513	P05055	rne_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P21513	P05055	rne_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P21513	P05055	rne_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P21513	P05055	rne_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P0A8E5	P05055	yacl_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P0AAS7	P05055	ybcj_ecoli	pnp_ecoli
P05055	PNP_ECOLI	*	P0AAS7	P05055	ybcj_ecoli	pnp_ecoli
P07001	PNTA_ECOLI	*	P0A8G0	P07001	uvrc_ecoli	pnta_ecoli
P0AFL1	POTI_ECOLI		none			
P23869	PPIB_ECOLI	*	P0CI31	P23869	hcab_ecoli	ppib_ecoli
P23869	PPIB_ECOLI	*	P75713	P23869	ylba_ecoli	ppib_ecoli
P0A7B1	PPK_ECOLI	*	P0AAF6	P0A7B1	artp_ecoli	ppk_ecoli
P0A7B1	PPK_ECOLI	*	P28249	P0A7B1	asma_ecoli	ppk_ecoli
P0A7B1	PPK_ECOLI	*	P0ABH9	P0A7B1	clpa_ecoli	ppk_ecoli
P0A7B1	PPK_ECOLI	*	P19930	P0A7B1	hyad_ecoli	ppk_ecoli
P0A7B1	PPK_ECOLI	*	P19931	P0A7B1	hyaecoli	ppk_ecoli
P0A7B1	PPK_ECOLI	*	P21599	P0A7B1	kpyk2_ecoli	ppk_ecoli
P0A7B1	PPK_ECOLI	*	P05459	P0A7B1	pdxeb_ecoli	ppk_ecoli
P0A7B1	PPK_ECOLI	*	P07013	P0A7B1	prib_ecoli	ppk_ecoli
P0A7B1	PPK_ECOLI	*	P0A7Y8	P0A7B1	rnpa_ecoli	ppk_ecoli

P0A7B1	PPK_ECOLI	* P00956	P0A7B1	syi_ecoli	ppk_ecoli
P0A7B1	PPK_ECOLI	* P00954	P0A7B1	syw_ecoli	ppk_ecoli
P0A7B1	PPK_ECOLI	* P30864	P0A7B1	yafo_ecoli	ppk_ecoli
P0A7B1	PPK_ECOLI	* P77564	P0A7B1	ydhw_ecoli	ppk_ecoli
P0A7B1	PPK_ECOLI	* P0A8D9	P0A7B1	yfbv_ecoli	ppk_ecoli
P0A7B1	PPK_ECOLI	* P77434	P0A7B1	yfdz_ecoli	ppk_ecoli
P0A7B1	PPK_ECOLI	* P52126	P0A7B1	yfjk_ecoli	ppk_ecoli
P23538	PPSA_ECOLI	* P10441	P23538	lpxb_ecoli	ppsa_ecoli
P23538	PPSA_ECOLI	* P77181	P23538	paay_ecoli	ppsa_ecoli
P23538	PPSA_ECOLI	* P0A850	P23538	tig_ecoli	ppsa_ecoli
P23538	PPSA_ECOLI	* P39177	P23538	uspg_ecoli	ppsa_ecoli
P23538	PPSA_ECOLI	* P71237	P23538	wcac_ecoli	ppsa_ecoli
P23862	PRIC_ECOLI	* P21170	P23862	spea_ecoli	pric_ecoli
P23862	PRIC_ECOLI	* P39408	P23862	yjjv_ecoli	pric_ecoli
P45577	PROQ_ECOLI	none			
P77243	PRPD_ECOLI	* P0A9Y6	P77243	cspc_ecoli	prpd_ecoli
P77243	PRPD_ECOLI	* P16095	P77243	sdhl_ecoli	prpd_ecoli
P37344	PSPF_ECOLI	* P76204	P37344	ydiv_ecoli	pspf_ecoli
P23830	PSS_ECOLI	* P21645	P23830	lpxd_ecoli	pss_ecoli
P23830	PSS_ECOLI	* P0AFG0	P23830	nusg_ecoli	pss_ecoli
P23830	PSS_ECOLI	* P0A9K3	P23830	phol_ecoli	pss_ecoli
P23830	PSS_ECOLI	* P37765	P23830	rlub_ecoli	pss_ecoli
P23830	PSS_ECOLI	* P0AA39	P23830	rluc_ecoli	pss_ecoli
P23830	PSS_ECOLI	* P0AA39	P23830	rluc_ecoli	pss_ecoli
P23830	PSS_ECOLI	* P0A7Y8	P23830	rnpa_ecoli	pss_ecoli
P23830	PSS_ECOLI	* P0A7Y8	P23830	rnpa_ecoli	pss_ecoli
P23830	PSS_ECOLI	* P21499	P23830	rnrr_ecoli	pss_ecoli
P23830	PSS_ECOLI	* P0A7Z4	P23830	rpoa_ecoli	pss_ecoli
P23830	PSS_ECOLI	* P06612	P23830	top1_ecoli	pss_ecoli
P23830	PSS_ECOLI	* P0A8I5	P23830	trmb_ecoli	pss_ecoli
P23830	PSS_ECOLI	* P0AAS7	P23830	ybcj_ecoli	pss_ecoli
P23830	PSS_ECOLI	* P75829	P23830	ybjx_ecoli	pss_ecoli
P23830	PSS_ECOLI	* P0A8A2	P23830	yeen_ecoli	pss_ecoli
P23830	PSS_ECOLI	* P0AGJ5	P23830	yfif_ecoli	pss_ecoli
P08839	PT1_ECOLI	* P07330	P08839	cheb_ecoli	pt1_ecoli
P08839	PT1_ECOLI	* P0A6W5	P08839	grea_ecoli	pt1_ecoli
P08839	PT1_ECOLI	* P15038	P08839	held_ecoli	pt1_ecoli
P08839	PT1_ECOLI	* P75959	P08839	nagk_ecoli	pt1_ecoli

P08839	PT1_ECOLI	*	P0AA04	P08839	pthp_ecoli	pt1_ecoli
P08839	PT1_ECOLI	*	P31129	P08839	ydeh_ecoli	pt1_ecoli
P0A9M8	PTA_ECOLI	*	P10443	P0A9M8	dpo3a_ecoli	pta_ecoli
P0A9M8	PTA_ECOLI	*	P31574	P0A9M8	fixb_ecoli	pta_ecoli
P0A9M8	PTA_ECOLI	*	P0A9I5	P0A9M8	napd_ecoli	pta_ecoli
P0A9M8	PTA_ECOLI	*	P0A9I5	P0A9M8	napd_ecoli	pta_ecoli
P0A9M8	PTA_ECOLI	*	P37128	P0A9M8	nudk_ecoli	pta_ecoli
P0A9M8	PTA_ECOLI	*	P23869	P0A9M8	ppib_ecoli	pta_ecoli
P0A9M8	PTA_ECOLI	*	P0A7Z4	P0A9M8	rpoa_ecoli	pta_ecoli
P0A9M8	PTA_ECOLI	*	P14081	P0A9M8	selb_ecoli	pta_ecoli
P0A9M8	PTA_ECOLI	*	P41039	P0A9M8	ybii_ecoli	pta_ecoli
P0A9M8	PTA_ECOLI	*	P39332	P0A9M8	yjgh_ecoli	pta_ecoli
P0A9M8	PTA_ECOLI	*	P76584	P0A9M8	yphb_ecoli	pta_ecoli
P32670	PTFX2_ECOLI		none			
P69783	PTGA_ECOLI	*	P04335	P69783	frsa_ecoli	ptga_ecoli
P69783	PTGA_ECOLI	*	P0AA25	P69783	thio_ecoli	ptga_ecoli
P69783	PTGA_ECOLI	*	P0AA25	P69783	thio_ecoli	ptga_ecoli
P05706	PTHA_ECOLI		none			
P0AA04	PTHP_ECOLI	*	P69783	P0AA04	ptga_ecoli	pthp_ecoli
P69828	PTKA_ECOLI	*	P0C054	P69828	ibpa_ecoli	ptka_ecoli
P69828	PTKA_ECOLI	*	P0A7E9	P69828	pyrh_ecoli	ptka_ecoli
P69828	PTKA_ECOLI	*	P0A850	P69828	tig_ecoli	ptka_ecoli
P37188	PTKB_ECOLI	*	P0C054	P37188	ibpa_ecoli	ptkb_ecoli
P37188	PTKB_ECOLI	*	P0A9X4	P37188	mreb_ecoli	ptkb_ecoli
P37188	PTKB_ECOLI	*	P0A7E9	P37188	pyrh_ecoli	ptkb_ecoli
P69797	PTNAB_ECOLI	*	P0ACN7	P69797	cytr_ecoli	ptnab_ecoli
P69797	PTNAB_ECOLI	*	P24255	P69797	rp54_ecoli	ptnab_ecoli
P69797	PTNAB_ECOLI	*	P13445	P69797	rpos_ecoli	ptnab_ecoli
P69797	PTNAB_ECOLI	*	P0A858	P69797	tpis_ecoli	ptnab_ecoli
P69797	PTNAB_ECOLI	*	P77256	P69797	ydjg_ecoli	ptnab_ecoli
P69795	PTQB_ECOLI	*	P52006	P69795	nudi_ecoli	ptqb_ecoli
P17334	PTQC_ECOLI	*	P0ABZ6	P17334	sura_ecoli	ptqc_ecoli
P69829	PTSN_ECOLI		none			

P0A7D7	PUR7_ECOLI	*	P62707	P0A7D7	gpma_ecoli	pur7_ecoli
P0A7D7	PUR7_ECOLI	*	P0AAN1	P0A7D7	hybe_ecoli	pur7_ecoli
P0A7D7	PUR7_ECOLI	*	P0AEX5	P0A7D7	kppr_ecoli	pur7_ecoli
P0A7D7	PUR7_ECOLI	*	P40874	P0A7D7	mtox_ecoli	pur7_ecoli
P0A7D7	PUR7_ECOLI	*	P31663	P0A7D7	panc_ecoli	pur7_ecoli
P0A7D7	PUR7_ECOLI	*	P0A7J0	P0A7D7	ribb_ecoli	pur7_ecoli
P0A7D7	PUR7_ECOLI	*	P0AF50	P0A7D7	yjbr_ecoli	pur7_ecoli
P0A7D4	PURA_ECOLI	*	P0AF67	P0A7D4	yjee_ecoli	pura_ecoli
P0ACP7	PURR_ECOLI	*	P77671	P0ACP7	allb_ecoli	purr_ecoli
P0ACP7	PURR_ECOLI	*	P0AED9	P0ACP7	dcm_ecoli	purr_ecoli
P0ACP7	PURR_ECOLI	*	P0ABU2	P0ACP7	engd_ecoli	purr_ecoli
P0ACP7	PURR_ECOLI	*	P06960	P0ACP7	otc2_ecoli	purr_ecoli
P0ACP7	PURR_ECOLI	*	P08839	P0ACP7	pt1_ecoli	purr_ecoli
P0ACP7	PURR_ECOLI	*	P0ACU2	P0ACP7	rutr_ecoli	purr_ecoli
P0ACP7	PURR_ECOLI	*	P0A8A0	P0ACP7	yebc_ecoli	purr_ecoli
P09546	PUTA_ECOLI	*	P63284	P09546	clpb_ecoli	puta_ecoli
P09546	PUTA_ECOLI	*	P0A9Y6	P09546	cspc_ecoli	puta_ecoli
P09546	PUTA_ECOLI	*	P13036	P09546	feca_ecoli	puta_ecoli
P09546	PUTA_ECOLI	*	P23869	P09546	ppib_ecoli	puta_ecoli
P09546	PUTA_ECOLI	*	P0A9M8	P09546	pta_ecoli	puta_ecoli
P09546	PUTA_ECOLI	*	P24173	P09546	rfac_ecoli	puta_ecoli
P09546	PUTA_ECOLI	*	P0AA25	P09546	thio_ecoli	puta_ecoli
P09546	PUTA_ECOLI	*	P0A850	P09546	tig_ecoli	puta_ecoli
P09546	PUTA_ECOLI	*	P13482	P09546	trea_ecoli	puta_ecoli
P09546	PUTA_ECOLI	*	P39177	P09546	uspg_ecoli	puta_ecoli
P09546	PUTA_ECOLI	*	P27836	P09546	wecg_ecoli	puta_ecoli
P09546	PUTA_ECOLI	*	P21367	P09546	ycac_ecoli	puta_ecoli
P09546	PUTA_ECOLI	*	P52119	P09546	yfjf_ecoli	puta_ecoli
P09546	PUTA_ECOLI	*	P42624	P09546	yhak_ecoli	puta_ecoli
P08244	PYRF_ECOLI	*	P0A7I7	P08244	riba_ecoli	pyrf_ecoli
P08244	PYRF_ECOLI	*	P0A7I7	P08244	riba_ecoli	pyrf_ecoli
P08244	PYRF_ECOLI	*	P77766	P08244	trph_ecoli	pyrf_ecoli
P08244	PYRF_ECOLI	*	P76280	P08244	yobb_ecoli	pyrf_ecoli
P0A7E5	PYRG_ECOLI	*	P28249	P0A7E5	asma_ecoli	pyrg_ecoli
P0A7E5	PYRG_ECOLI	*	Q46802	P0A7E5	ygev_ecoli	pyrg_ecoli
P28304	QOR1_ECOLI		none			
P77756	QUEC_ECOLI		none			

P16551	RAFA_ECOLX		none			
P16552	RAFB_ECOLX		none			
P60240	RAPA_ECOLI	*	P00936	P60240	cyaa_ecoli	rapa_ecoli
P60240	RAPA_ECOLI	*	P0A749	P60240	mura_ecoli	rapa_ecoli
P60240	RAPA_ECOLI	*	P0AFG0	P60240	nusg_ecoli	rapa_ecoli
P60240	RAPA_ECOLI	*	P0AFG0	P60240	nusg_ecoli	rapa_ecoli
P60240	RAPA_ECOLI	*	P07004	P60240	proa_ecoli	rapa_ecoli
P60240	RAPA_ECOLI	*	P0A7Z4	P60240	rpoa_ecoli	rapa_ecoli
P60240	RAPA_ECOLI	*	P0A7Z4	P60240	rpoa_ecoli	rapa_ecoli
P60240	RAPA_ECOLI	*	P0A7Z4	P60240	rpoa_ecoli	rapa_ecoli
P60240	RAPA_ECOLI	*	P0A8V2	P60240	rpob_ecoli	rapa_ecoli
P60240	RAPA_ECOLI	*	P0A8T7	P60240	rpoc_ecoli	rapa_ecoli
P60240	RAPA_ECOLI	*	P0A8T7	P60240	rpoc_ecoli	rapa_ecoli
P60240	RAPA_ECOLI	*	P0A800	P60240	rpoz_ecoli	rapa_ecoli
P60240	RAPA_ECOLI	*	P0A8E5	P60240	yacl_ecoli	rapa_ecoli
P60240	RAPA_ECOLI	*	P0A8E5	P60240	yacl_ecoli	rapa_ecoli
P60240	RAPA_ECOLI	*	P0AB14	P60240	yccj_ecoli	rapa_ecoli
P0A7G2	RBFA_ECOLI	*	P0AF10	P0A7G2	mtlr_ecoli	rbfa_ecoli
P02925	RBSB_ECOLI	*	P39265	P02925	alsb_ecoli	rbsb_ecoli
P02925	RBSB_ECOLI	*	P00956	P02925	syi_ecoli	rbsb_ecoli
P02925	RBSB_ECOLI	*	P0AA25	P02925	thio_ecoli	rbsb_ecoli
P0A9J6	RBSK_ECOLI	*	P36659	P0A9J6	cbpa_ecoli	rbsk_ecoli
P0A9J6	RBSK_ECOLI	*	P0A717	P0A9J6	kprs_ecoli	rbsk_ecoli
P69407	RCSB_ECOLI	*	P0A9Y6	P69407	cspc_ecoli	rcsb_ecoli
P69407	RCSB_ECOLI	*	P37195	P69407	dctr_ecoli	rcsb_ecoli
P69407	RCSB_ECOLI	*	P36979	P69407	rlmn_ecoli	rcsb_ecoli
P69407	RCSB_ECOLI	*	P0AA25	P69407	thio_ecoli	rcsb_ecoli
P69407	RCSB_ECOLI	*	P0AA25	P69407	thio_ecoli	rcsb_ecoli
P69407	RCSB_ECOLI	*	P76576	P69407	yfgm_ecoli	rcsb_ecoli
P52061	RDGB_ECOLI		none			
P36767	RDGC_ECOLI	*	P0ACF4	P36767	dbhb_ecoli	rdgc_ecoli
P36767	RDGC_ECOLI	*	P15042	P36767	dnlj_ecoli	rdgc_ecoli
P36767	RDGC_ECOLI	*	P0A6P9	P36767	eno_ecoli	rdgc_ecoli
P36767	RDGC_ECOLI	*	P68739	P36767	nfi_ecoli	rdgc_ecoli
P36767	RDGC_ECOLI	*	P28304	P36767	qor1_ecoli	rdgc_ecoli
P0A7G6	RECA_ECOLI	*	P0ABB4	P0A7G6	atpb_ecoli	reca_ecoli

P0A7G6	RECA_ECOLI	*	P0A964	P0A7G6	chew_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P0A6G7	P0A7G6	clpp_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P76250	P0A7G6	dmlr_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P08622	P0A7G6	dnaj_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P77488	P0A7G6	dxs_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P77277	P0A7G6	eutj_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P0A9A6	P0A7G6	fts_z_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P31120	P0A7G6	glmm_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P0AES4	P0A7G6	gyra_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P0A6H5	P0A7G6	hslu_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P0A817	P0A7G6	metk_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P0A9X4	P0A7G6	mreb_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P09152	P0A7G6	narg_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P05055	P0A7G6	pnp_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P0A7E9	P0A7G6	pyrh_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P36979	P0A7G6	rlmn_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P0CG19	P0A7G6	rnph_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P0AA25	P0A7G6	thio_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P0AA25	P0A7G6	thio_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P77721	P0A7G6	ydj_f_ecoli	reca_ecoli
P0A7G6	RECA_ECOLI	*	P76241	P0A7G6	yeam_ecoli	reca_ecoli
P0AG20	RELA_ECOLI	*	P0AB89	P0AG20	pur8_ecoli	rela_ecoli
P0AG20	RELA_ECOLI	*	P77279	P0AG20	ybb_l_ecoli	rela_ecoli
P09980	REP_ECOLI		none			
P05833	REPA_ECOLX		none			
P07012	RF2_ECOLI		none			
P0A7I4	RF3_ECOLI		none			
P27127	RFAB_ECOLI		none			
P37692	RFAF_ECOLI	*	P64476	P37692	ydih_ecoli	rfaf_ecoli
P25740	RFAG_ECOLI	*	P0ABW9	P25740	flgb_ecoli	rfag_ecoli
P25740	RFAG_ECOLI	*	P0ACL5	P25740	glcc_ecoli	rfag_ecoli
P25740	RFAG_ECOLI	*	P15032	P25740	rece_ecoli	rfag_ecoli
P25740	RFAG_ECOLI	*	P77280	P25740	ydj_j_ecoli	rfag_ecoli
P25741	RFAP_ECOLI	*	P05194	P25741	arod_ecoli	rfap_ecoli
P25741	RFAP_ECOLI	*	P23882	P25741	fmt_ecoli	rfap_ecoli

P37755	RFBK9_ECOLX	none			
P0A8J8	RHLB_ECOLI	*	P0A9H9	P0A8J8	chez_ecoli rhlb_ecoli
P0A8J8	RHLB_ECOLI	*	P05055	P0A8J8	pnp_ecoli rhlb_ecoli
P0A8J8	RHLB_ECOLI	*	P05055	P0A8J8	pnp_ecoli rhlb_ecoli
P0A8J8	RHLB_ECOLI	*	P21513	P0A8J8	rne_ecoli rhlb_ecoli
P0A8J8	RHLB_ECOLI	*	P21513	P0A8J8	rne_ecoli rhlb_ecoli
P0A8J8	RHLB_ECOLI	*	P21513	P0A8J8	rne_ecoli rhlb_ecoli
P0A8J8	RHLB_ECOLI	*	P21513	P0A8J8	rne_ecoli rhlb_ecoli
P0A8J8	RHLB_ECOLI	*	P21513	P0A8J8	rne_ecoli rhlb_ecoli
P0A8J8	RHLB_ECOLI	*	P21513	P0A8J8	rne_ecoli rhlb_ecoli
P0A8J8	RHLB_ECOLI	*	P21513	P0A8J8	rne_ecoli rhlb_ecoli
P0A8J8	RHLB_ECOLI	*	P21513	P0A8J8	rne_ecoli rhlb_ecoli
P0A8J8	RHLB_ECOLI	*	P0AAS7	P0A8J8	ybcj_ecoli rhlb_ecoli
P25888	RHLE_ECOLI	*	P0A6G7	P25888	clpp_ecoli rhle_ecoli
P25888	RHLE_ECOLI	*	P0A9Y6	P25888	cspc_ecoli rhle_ecoli
P25888	RHLE_ECOLI	*	P0ACF4	P25888	dbhb_ecoli rhle_ecoli
P25888	RHLE_ECOLI	*	P0A9R4	P25888	fer_ecoli rhle_ecoli
P25888	RHLE_ECOLI	*	P25437	P25888	frma_ecoli rhle_ecoli
P25888	RHLE_ECOLI	*	P0A705	P25888	if2_ecoli rhle_ecoli
P25888	RHLE_ECOLI	*	P0A7A9	P25888	ipyrc_ecoli rhle_ecoli
P25888	RHLE_ECOLI	*	P08400	P25888	phor_ecoli rhle_ecoli
P25888	RHLE_ECOLI	*	P09377	P25888	rhas_ecoli rhle_ecoli
P25888	RHLE_ECOLI	*	P0AA39	P25888	rluc_ecoli rhle_ecoli
P25888	RHLE_ECOLI	*	P00448	P25888	sodm_ecoli rhle_ecoli
P25888	RHLE_ECOLI	*	P0AGE0	P25888	ssb_ecoli rhle_ecoli
P0AG30	RHO_ECOLI	*	P27550	P0AG30	acsa_ecoli rho_ecoli
P0AG30	RHO_ECOLI	*	P0ABB4	P0AG30	atpb_ecoli rho_ecoli
P0AG30	RHO_ECOLI	*	P36659	P0AG30	cbpa_ecoli rho_ecoli
P0AG30	RHO_ECOLI	*	P0ABH9	P0AG30	clpa_ecoli rho_ecoli
P0AG30	RHO_ECOLI	*	P0ABH9	P0AG30	clpa_ecoli rho_ecoli
P0AG30	RHO_ECOLI	*	P0A6G7	P0AG30	clpp_ecoli rho_ecoli
P0AG30	RHO_ECOLI	*	P0A6G7	P0AG30	clpp_ecoli rho_ecoli
P0AG30	RHO_ECOLI	*	P0A6H1	P0AG30	clpx_ecoli rho_ecoli
P0AG30	RHO_ECOLI	*	P0A9Y6	P0AG30	cspc_ecoli rho_ecoli
P0AG30	RHO_ECOLI	*	P0A9Y6	P0AG30	cspc_ecoli rho_ecoli
P0AG30	RHO_ECOLI	*	P0A968	P0AG30	cspd_ecoli rho_ecoli
P0AG30	RHO_ECOLI	*	P0A972	P0AG30	cspe_ecoli rho_ecoli
P0AG30	RHO_ECOLI	*	P08622	P0AG30	dnaj_ecoli rho_ecoli
P0AG30	RHO_ECOLI	*	P77488	P0AG30	dxs_ecoli rho_ecoli
P0AG30	RHO_ECOLI	*	P0AEK4	P0AG30	fabi_ecoli rho_ecoli
P0AG30	RHO_ECOLI	*	P77609	P0AG30	flxa_ecoli rho_ecoli
P0AG30	RHO_ECOLI	*	P0AEN1	P0AG30	fre_ecoli rho_ecoli

P0AG30	RHO_ECOLI	* P0ABH0	P0AG30	ftsa_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0A6S7	P0AG30	gpda_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0A6W5	P0AG30	grea_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P09372	P0AG30	grpe_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0AES4	P0AG30	gyra_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P69931	P0AG30	hda_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0A6X3	P0AG30	hfq_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0A6X3	P0AG30	hfq_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0ACG8	P0AG30	hslr_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P62620	P0AG30	ispg_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P21645	P0AG30	lpxd_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P06993	P0AG30	malt_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0A9X4	P0AG30	mreb_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P31062	P0AG30	nohb_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0AFG0	P0AG30	nusg_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0AFG0	P0AG30	nusg_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0AFG0	P0AG30	nusg_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P31678	P0AG30	otsb_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P05459	P0AG30	pdxb_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0A7A7	P0AG30	plsb_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0ABS5	P0AG30	prim_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P42184	P0AG30	prsa_ecolx	rho_ecoli
P0AG30	RHO_ECOLI	* P0A7E9	P0AG30	pyrh_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0C0K3	P0AG30	rdoa_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P60723	P0AG30	rl4_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0A7Y8	P0AG30	rnpa_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0AFW8	P0AG30	rof_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0A7Z4	P0AG30	rpoa_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0A8V2	P0AG30	rpob_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P00579	P0AG30	rpod_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P00579	P0AG30	rpod_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0A812	P0AG30	ruvb_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P10408	P0AG30	seca_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P14081	P0AG30	selb_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0AFZ3	P0AG30	sspb_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0A850	P0AG30	tig_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0A890	P0AG30	tusa_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P25534	P0AG30	ubih_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P37388	P0AG30	xylg_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P0AB43	P0AG30	ycgl_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P08245	P0AG30	ycih_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P76104	P0AG30	ydcp_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P76464	P0AG30	yfas_ecoli	rho_ecoli
P0AG30	RHO_ECOLI	* P33941	P0AG30	yoji_ecoli	rho_ecoli

P22564	RIHC_ECOLI	* P11880	P22564	murf_ecoli	rihc_ecoli
P0A948	RIMJ_ECOLI	* P31441	P0A948	adec_ecoli	rimj_ecoli
P0A948	RIMJ_ECOLI	* P77731	P0A948	alla_ecoli	rimj_ecoli
P0A948	RIMJ_ECOLI	* P17444	P0A948	beta_ecoli	rimj_ecoli
P0A948	RIMJ_ECOLI	* P17445	P0A948	betb_ecoli	rimj_ecoli
P0A948	RIMJ_ECOLI	* P0AC19	P0A948	folx_ecoli	rimj_ecoli
P0A948	RIMJ_ECOLI	* P0AFD6	P0A948	nuoi_ecoli	rimj_ecoli
P0A948	RIMJ_ECOLI	* P33596	P0A948	recx_ecoli	rimj_ecoli
P0A948	RIMJ_ECOLI	* P33022	P0A948	rihb_ecoli	rimj_ecoli
P0A948	RIMJ_ECOLI	* P0C018	P0A948	rl18_ecoli	rimj_ecoli
P0A948	RIMJ_ECOLI	* P06612	P0A948	top1_ecoli	rimj_ecoli
P0A948	RIMJ_ECOLI	* P77713	P0A948	yagh_ecoli	rimj_ecoli
P0A948	RIMJ_ECOLI	* P0AB61	P0A948	ycin_ecoli	rimj_ecoli
P0A948	RIMJ_ECOLI	* P0AD07	P0A948	yecf_ecoli	rimj_ecoli
P0A948	RIMJ_ECOLI	* P24178	P0A948	yffb_ecoli	rimj_ecoli
P0A948	RIMJ_ECOLI	* P0AFU4	P0A948	yfha_ecoli	rimj_ecoli
P0A948	RIMJ_ECOLI	* P76280	P0A948	yobb_ecoli	rimj_ecoli
P0A7X6	RIMM_ECOLI	none			
P0AEI4	RIMO_ECOLI	none			
P0A8A8	RIMP_ECOLI	none			
P0AFU8	RISA_ECOLI	none			
P0A7L0	RL1_ECOLI	* P33224	P0A7L0	aidb_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P0ACN4	P0A7L0	allr_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P0ABB0	P0A7L0	atpa_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P36659	P0A7L0	cbpa_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P0A6G7	P0A7L0	clpp_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P0ABQ0	P0A7L0	coabc_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P0A9X9	P0A7L0	cspa_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P0A9X9	P0A7L0	cspa_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P36995	P0A7L0	cspb_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P0A9Y6	P0A7L0	cspc_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P0A9Y6	P0A7L0	cspc_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P0A9Y6	P0A7L0	cspc_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P0A968	P0A7L0	cspd_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P0A972	P0A7L0	cspe_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P0A972	P0A7L0	cspe_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P0A972	P0A7L0	cspe_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P0A978	P0A7L0	cspg_ecoli	rl1_ecoli
P0A7L0	RL1_ECOLI	* P0A978	P0A7L0	cspg_ecoli	rl1_ecoli

POA7L0	RL1_ECOLI	* P0A986	POA7L0	cspi_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0ACF4	POA7L0	dbhb_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0AED9	POA7L0	dcm_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P37195	POA7L0	dctr_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P76316	POA7L0	dcyd_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A9P6	POA7L0	dead_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A9P6	POA7L0	dead_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0AEE8	POA7L0	dma_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0ACB0	POA7L0	dnab_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0ACB0	POA7L0	dnab_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P08622	POA7L0	dnaj_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P37313	POA7L0	dppf_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A6Q3	POA7L0	faba_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A6Q6	POA7L0	fabz_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P23882	POA7L0	fmt_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0ACC7	POA7L0	glmu_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A9Z1	POA7L0	glnb_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P23871	POA7L0	hemh_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A6X3	POA7L0	hfq_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P28631	POA7L0	holb_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P28631	POA7L0	holb_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0ABS8	POA7L0	hole_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A6L9	POA7L0	hscb_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0ACG8	POA7L0	hslr_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P16528	POA7L0	iclr_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A6X7	POA7L0	ihfa_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A6Y1	POA7L0	ihfb_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A715	POA7L0	kdsa_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0AC75	POA7L0	kdta_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P21645	POA7L0	lpxd_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P77791	POA7L0	maa_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A738	POA7L0	moac_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0AFF6	POA7L0	nusa_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0AFI2	POA7L0	parc_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A9K3	POA7L0	phol_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A9K3	POA7L0	phol_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P00490	POA7L0	phsm_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P05055	POA7L0	pnp_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P07013	POA7L0	prib_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P23862	POA7L0	pric_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0ABS5	POA7L0	prim_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P23830	POA7L0	pss_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A7E9	POA7L0	pyrh_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P24230	POA7L0	recg_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P37692	POA7L0	rfaf_ecoli	rl1_ecoli

POA7L0	RL1_ECOLI	* P0A8J8	POA7L0	rhlb_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P25888	POA7L0	rhle_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0C0R7	POA7L0	rlme_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P75864	POA7L0	rlml_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P75864	POA7L0	rlml_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P36979	POA7L0	rlmn_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P36979	POA7L0	rlmn_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P36979	POA7L0	rlmn_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P37765	POA7L0	rlub_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P37765	POA7L0	rlub_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0AA39	POA7L0	rluc_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0AA39	POA7L0	rluc_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0AA39	POA7L0	rluc_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P32684	POA7L0	rluf_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P21513	POA7L0	rne_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P21513	POA7L0	rne_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P21513	POA7L0	rne_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P21513	POA7L0	rne_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P21513	POA7L0	rne_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P21513	POA7L0	rne_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A7Y8	POA7L0	rnpa_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A7Y8	POA7L0	rnpa_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P21499	POA7L0	rnrc_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P21499	POA7L0	rnrc_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A7Z4	POA7L0	rpoa_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P00579	POA7L0	rpod_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P00579	POA7L0	rpod_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P13445	POA7L0	rpos_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A776	POA7L0	rppe_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A776	POA7L0	rppe_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P75817	POA7L0	rumb_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0ACU2	POA7L0	rutr_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P14081	POA7L0	selb_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P15082	POA7L0	srlr_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P21507	POA7L0	srmb_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A832	POA7L0	ssrp_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P77499	POA7L0	sufc_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A8M3	POA7L0	syt_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A8M3	POA7L0	syt_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A847	POA7L0	tgt_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P77718	POA7L0	thii_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A850	POA7L0	tig_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P52097	POA7L0	tils_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0AGJ7	POA7L0	trml_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A9W0	POA7L0	ular_ecoli	rl1_ecoli

POA7L0	RL1_ECOLI	* P0A8G0	POA7L0	uvrc_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A8G0	POA7L0	uvrc_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P71242	POA7L0	wcak_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P40711	POA7L0	yaej_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P21514	POA7L0	yaha_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0AAR3	POA7L0	ybak_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0AFP2	POA7L0	ybaz_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0AAS7	POA7L0	ybcj_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0AAS7	POA7L0	ybcj_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P30176	POA7L0	ybia_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P75829	POA7L0	ybjx_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P75829	POA7L0	ybjx_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0A8N0	POA7L0	ycbg_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P37052	POA7L0	ychj_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P08245	POA7L0	ycih_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P76104	POA7L0	ydcj_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P76104	POA7L0	ydcj_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P77552	POA7L0	ydhq_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0ACX9	POA7L0	ydie_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P76241	POA7L0	yeam_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P76243	POA7L0	yao_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0AGJ5	POA7L0	yfif_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0AGJ5	POA7L0	yfif_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P77295	POA7L0	ygav_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P45472	POA7L0	yhbq_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P0ADK8	POA7L0	yibl_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P75992	POA7L0	ymga_ecoli	rl1_ecoli
POA7L0	RL1_ECOLI	* P76148	POA7L0	yneg_ecoli	rl1_ecoli
POA7J3	RL10_ECOLI	* P0A6E1	POA7J3	arol_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P61517	POA7J3	can_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0ABH9	POA7J3	clpa_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0A6G7	POA7J3	clpp_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P27296	POA7J3	ding_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P08622	POA7J3	dnaj_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0A6Y8	POA7J3	dnak_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0AEK4	POA7J3	fab_i_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0A6Q6	POA7J3	fabz_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P31574	POA7J3	fixb_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0A6W5	POA7J3	grea_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P09372	POA7J3	grpe_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0AES6	POA7J3	gyrb_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P28631	POA7J3	holb_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0A6Z1	POA7J3	hsca_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0A6Z1	POA7J3	hsca_ecoli	rl10_ecoli

POA7J3	RL10_ECOLI	* P0A6L9	POA7J3	hscb_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P77319	POA7J3	hsc_c_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P77319	POA7J3	hsc_c_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0A6H5	POA7J3	hslu_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0A7B8	POA7J3	hslv_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0A7A9	POA7J3	ipyr_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0A722	POA7J3	lpxa_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P10441	POA7J3	lpxb_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P27896	POA7J3	narq_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P63020	POA7J3	nfua_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0A9K3	POA7J3	phol_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P31473	POA7J3	rava_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0A7G6	POA7J3	reca_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P09377	POA7J3	rhas_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0C0R7	POA7J3	rlme_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0C0R7	POA7J3	rlme_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P37351	POA7J3	rpib_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0A776	POA7J3	rpiph_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0AFZ3	POA7J3	sspb_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P37610	POA7J3	taud_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0A850	POA7J3	tig_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P52097	POA7J3	tils_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0A8I5	POA7J3	trmb_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P60340	POA7J3	trub_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0AFP2	POA7J3	ybaz_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P77634	POA7J3	ybcm_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P75829	POA7J3	ybjx_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0AD12	POA7J3	yeez_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0AFU4	POA7J3	yfha_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P0A8H6	POA7J3	yihi_ecoli	rl10_ecoli
POA7J3	RL10_ECOLI	* P77247	POA7J3	ynic_ecoli	rl10_ecoli
POA7J7	RL11_ECOLI	* P0A6G7	POA7J7	clpp_ecoli	rl11_ecoli
POA7J7	RL11_ECOLI	* P0A9P6	POA7J7	dead_ecoli	rl11_ecoli
POA7J7	RL11_ECOLI	* P0ABH0	POA7J7	ftsa_ecoli	rl11_ecoli
POA7J7	RL11_ECOLI	* P0A9R7	POA7J7	ftse_ecoli	rl11_ecoli
POA7J7	RL11_ECOLI	* P31120	POA7J7	glmm_ecoli	rl11_ecoli
POA7J7	RL11_ECOLI	* P0A6L9	POA7J7	hscb_ecoli	rl11_ecoli
POA7J7	RL11_ECOLI	* P22939	POA7J7	ispa_ecoli	rl11_ecoli
POA7J7	RL11_ECOLI	* P04951	POA7J7	kdsb_ecoli	rl11_ecoli
POA7J7	RL11_ECOLI	* P21645	POA7J7	lpxd_ecoli	rl11_ecoli
POA7J7	RL11_ECOLI	* P0A749	POA7J7	mura_ecoli	rl11_ecoli
POA7J7	RL11_ECOLI	* P17443	POA7J7	murg_ecoli	rl11_ecoli
POA7J7	RL11_ECOLI	* P22634	POA7J7	muri_ecoli	rl11_ecoli
POA7J7	RL11_ECOLI	* P0A7A7	POA7J7	plsb_ecoli	rl11_ecoli

P0A7J7	RL11_ECOLI	* P0A9L5	P0A7J7	ppic_ecoli	rl11_ecoli
P0A7J7	RL11_ECOLI	* P0A8T1	P0A7J7	prma_ecoli	rl11_ecoli
P0A7J7	RL11_ECOLI	* P0A8T1	P0A7J7	prma_ecoli	rl11_ecoli
P0A7J7	RL11_ECOLI	* P0A8T1	P0A7J7	prma_ecoli	rl11_ecoli
P0A7J7	RL11_ECOLI	* P0A7D1	P0A7J7	pth_ecoli	rl11_ecoli
P0A7J7	RL11_ECOLI	* P0A7E9	P0A7J7	pyrh_ecoli	rl11_ecoli
P0A7J7	RL11_ECOLI	* P0A8J8	P0A7J7	rh1b_ecoli	rl11_ecoli
P0A7J7	RL11_ECOLI	* P45748	P0A7J7	rimn_ecoli	rl11_ecoli
P0A7J7	RL11_ECOLI	* P21513	P0A7J7	rne_ecoli	rl11_ecoli
P0A7J7	RL11_ECOLI	* P21513	P0A7J7	rne_ecoli	rl11_ecoli
P0A7J7	RL11_ECOLI	* P0A7Y8	P0A7J7	rnpa_ecoli	rl11_ecoli
P0A7J7	RL11_ECOLI	* P0A8V2	P0A7J7	rpob_ecoli	rl11_ecoli
P0A7J7	RL11_ECOLI	* P10408	P0A7J7	seca_ecoli	rl11_ecoli
P0A7J7	RL11_ECOLI	* P07813	P0A7J7	syl_ecoli	rl11_ecoli
P0A7J7	RL11_ECOLI	* P0AAS7	P0A7J7	ybcj_ecoli	rl11_ecoli
P0A7J7	RL11_ECOLI	* P77552	P0A7J7	ydhq_ecoli	rl11_ecoli
P0A7J7	RL11_ECOLI	* P0AGK4	P0A7J7	yhby_ecoli	rl11_ecoli
P0AA10	RL13_ECOLI	* P33224	P0AA10	aidb_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0AE18	P0AA10	ampm_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0ABH9	P0AA10	clpa_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P63284	P0AA10	clpb_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A6G7	P0AA10	clpp_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A9Y6	P0AA10	cspc_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A9Y6	P0AA10	cspc_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A968	P0AA10	cspd_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A978	P0AA10	cspg_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0AED9	P0AA10	dcm_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A9P6	P0AA10	dead_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A9P6	P0AA10	dead_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P33371	P0AA10	dusc_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0ABQ4	P0AA10	dyr_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A6Q6	P0AA10	fabz_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0ADH5	P0AA10	fimb_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A6R3	P0AA10	fis_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0AEN8	P0AA10	fucm_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P31120	P0AA10	glmm_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A6W5	P0AA10	grea_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A6X3	P0AA10	hfq_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P28632	P0AA10	hold_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0ACG8	P0AA10	hslr_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A6H5	P0AA10	hslu_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P16528	P0AA10	iclr_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A6Y1	P0AA10	ihfb_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P08142	P0AA10	ilvb_ecoli	rl13_ecoli

P0AA10	RL13_ECOLI	* P0A7A9	P0AA10	ipyr_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P22939	P0AA10	ispa_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A715	P0AA10	kdsa_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0AC75	P0AA10	kdta_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P60785	P0AA10	lepa_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P61316	P0AA10	lola_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A9M0	P0AA10	lon_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A9M0	P0AA10	lon_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A722	P0AA10	lpxa_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P10441	P0AA10	lpxb_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P21645	P0AA10	lpxd_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P25522	P0AA10	mnme_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P22523	P0AA10	mukb_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P22523	P0AA10	mukb_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A749	P0AA10	mura_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P17443	P0AA10	murg_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A780	P0AA10	nusb_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P76086	P0AA10	paax_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0AFI2	P0AA10	parc_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A9K3	P0AA10	phol_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A9K3	P0AA10	phol_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P00490	P0AA10	phsm_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A7A7	P0AA10	plsb_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P05055	P0AA10	pnp_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P05055	P0AA10	pnp_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A9L5	P0AA10	ppic_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A7D1	P0AA10	pth_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A7E9	P0AA10	pyrh_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P69405	P0AA10	rcsa_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P69407	P0AA10	rcsb_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P69407	P0AA10	rcsb_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A8J8	P0AA10	rhlb_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P61714	P0AA10	risb_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P63177	P0AA10	rlmb_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P36979	P0AA10	rlmn_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P36979	P0AA10	rlmn_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P37765	P0AA10	rlub_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P37765	P0AA10	rlub_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0AA39	P0AA10	rluc_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0AA39	P0AA10	rluc_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P21513	P0AA10	rne_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A7Y8	P0AA10	rnpa_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P21499	P0AA10	rnr_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P21499	P0AA10	rnr_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A7Z4	P0AA10	rpoa_ecoli	rl13_ecoli

P0AA10	RL13_ECOLI	* P0A7Z4	P0AA10	rpoa_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A8T7	P0AA10	rpoc_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A776	P0AA10	rpph_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A776	P0AA10	rpph_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P39286	P0AA10	rsga_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A6U5	P0AA10	rsmg_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P14081	P0AA10	selb_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0AEU7	P0AA10	skp_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0AG24	P0AA10	spot_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P15082	P0AA10	srlr_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A832	P0AA10	ssrp_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P00960	P0AA10	syga_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A8M3	P0AA10	syt_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P00954	P0AA10	syw_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A847	P0AA10	tgt_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A850	P0AA10	tig_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A8I5	P0AA10	trmb_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A9W0	P0AA10	ular_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A8G0	P0AA10	uvrc_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P03018	P0AA10	uvrd_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A8E5	P0AA10	yacl_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0A8E5	P0AA10	yacl_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0AAS7	P0AA10	ybcj_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P75767	P0AA10	ybhk_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P75829	P0AA10	ybjx_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P75829	P0AA10	ybjx_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P76594	P0AA10	yfiq_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0AGK4	P0AA10	yhby_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P0ADK8	P0AA10	yibl_ecoli	rl13_ecoli
P0AA10	RL13_ECOLI	* P45465	P0AA10	yanr_ecoli	rl13_ecoli
P0ADY3	RL14_ECOLI	* P0AE28	P0ADY3	arom_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A964	P0ADY3	chew_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A6P5	P0ADY3	der_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P03004	P0ADY3	dnaa_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A6M4	P0ADY3	dtd_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P33371	P0ADY3	dusc_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0ADI4	P0ADY3	entb_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P13024	P0ADY3	fdhe_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0AEM0	P0ADY3	fbx_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P26608	P0ADY3	flis_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A9A6	P0ADY3	ftsz_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P15067	P0ADY3	glgx_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P09372	P0ADY3	grpe_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A6X3	P0ADY3	hfq_ecoli	rl14_ecoli

P0ADY3	RL14_ECOLI	* P0ACF8	P0ADY3	hns_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P51020	P0ADY3	hoa_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A6Z1	P0ADY3	hsca_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0ACG8	P0ADY3	hslr_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A6X7	P0ADY3	ihfa_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A7A9	P0ADY3	ipyr_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A715	P0ADY3	kdsa_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A722	P0ADY3	lpxa_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P63020	P0ADY3	nfua_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0AFC0	P0ADY3	nudb_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P23869	P0ADY3	ppib_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0AA39	P0ADY3	rluc_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A7Y8	P0ADY3	rnpa_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P21499	P0ADY3	rnr_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A776	P0ADY3	rpph_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A9K9	P0ADY3	slyd_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P09158	P0ADY3	spee_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A850	P0ADY3	tig_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A850	P0ADY3	tig_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A9W0	P0ADY3	ular_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A8G0	P0ADY3	uvrc_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0AAB2	P0ADY3	wzb_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A8E5	P0ADY3	yacl_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0A8E5	P0ADY3	yacl_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0AAT6	P0ADY3	ybeb_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P77552	P0ADY3	ydhq_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P64479	P0ADY3	ydiz_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P77721	P0ADY3	ydfj_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P76322	P0ADY3	yedm_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P77196	P0ADY3	yfcu_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P0AF67	P0ADY3	yjee_ecoli	rl14_ecoli
P0ADY3	RL14_ECOLI	* P76280	P0ADY3	yobb_ecoli	rl14_ecoli
P02413	RL15_ECOLI	* P0A6A8	P02413	acp_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P28629	P02413	adia_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* Q06065	P02413	atoc_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P31469	P02413	cbrc_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A9X9	P02413	cspa_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A972	P02413	cspe_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P11557	P02413	damx_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0ACF0	P02413	dbha_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P27296	P02413	ding_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P03004	P02413	dnaa_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0ACB0	P02413	dnab_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P46068	P02413	dsdc_ecoli	rl15_ecoli

P02413	RL15_ECOLI	* P76556	P02413	eutp_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0AEM0	P02413	fkbx_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0ACC7	P02413	glmu_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P09372	P02413	grpe_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A6X3	P02413	hfq_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P67910	P02413	hldd_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A6Y1	P02413	ihfb_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A722	P02413	lpxa_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P21645	P02413	lpxd_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P21645	P02413	lpxd_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0AFF6	P02413	nusa_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0AFF6	P02413	nusa_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P42641	P02413	obg_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P76086	P02413	paax_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P29745	P02413	pept_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A9K3	P02413	phol_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A7A7	P02413	plsb_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P05055	P02413	pnp_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A8K1	P02413	psd_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A7H3	P02413	reco_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P77215	P02413	rhmd_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P36979	P02413	rlmn_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P36979	P02413	rlmn_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0AA39	P02413	rluc_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0AA39	P02413	rluc_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P21513	P02413	rne_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P21513	P02413	rne_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A7Y8	P02413	rnpa_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P21499	P02413	rnrc_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P21499	P02413	rnrc_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A7Z4	P02413	rpoa_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A7Z4	P02413	rpoa_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A8T7	P02413	rpoc_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P00579	P02413	rpod_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A776	P02413	rppe_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A776	P02413	rppe_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P14081	P02413	selb_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0AEU7	P02413	skp_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A9K9	P02413	slyd_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0AG24	P02413	spot_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P15082	P02413	srlr_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A850	P02413	tig_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P52097	P02413	tils_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P60340	P02413	trub_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P37903	P02413	uspf_ecoli	rl15_ecoli

P02413	RL15_ECOLI	* P0A8E5	P02413	yacl_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A8E5	P02413	yacl_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P75829	P02413	ybjx_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0ACX5	P02413	ydhz_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0AD05	P02413	yeca_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P76396	P02413	yegl_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P77775	P02413	yfch_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P27238	P02413	yfed_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P76594	P02413	yfiq_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0ADT5	P02413	ygic_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0AGK4	P02413	yhby_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P64616	P02413	yhco_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A8H6	P02413	yihi_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P32680	P02413	yjag_ecoli	rl15_ecoli
P02413	RL15_ECOLI	* P0A8W5	P02413	yqge_ecoli	rl15_ecoli
P0ADY7	RL16_ECOLI	* P0A9P6	P0ADY7	dead_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P03004	P0ADY7	dnaa_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0A9R7	P0ADY7	ftse_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0A9C5	P0ADY7	glna_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P28630	P0ADY7	hola_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0A6H5	P0ADY7	hslu_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0A6Y1	P0ADY7	ihfb_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P60546	P0ADY7	kgua_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P21645	P0ADY7	lpxd_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P76346	P0ADY7	mtfa_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0AFF6	P0ADY7	nusa_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0A9K3	P0ADY7	phol_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P69405	P0ADY7	rca_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0AA39	P0ADY7	rluc_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0A7Y8	P0ADY7	rnpa_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P21499	P0ADY7	rnrc_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0A7Z4	P0ADY7	rpoa_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0A8T7	P0ADY7	rpoc_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0A776	P0ADY7	rppe_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P00960	P0ADY7	syga_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0A850	P0ADY7	tig_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0A8E5	P0ADY7	yacl_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0A898	P0ADY7	ybey_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P27431	P0ADY7	ybfd_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0AD33	P0ADY7	yfcz_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0AGJ5	P0ADY7	yfif_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P76594	P0ADY7	yfiq_ecoli	rl16_ecoli
P0ADY7	RL16_ECOLI	* P0ADT5	P0ADY7	ygic_ecoli	rl16_ecoli

P0AG44	RL17_ECOLI	* P05050	P0AG44	alkb_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P31469	P0AG44	cbrc_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P06961	P0AG44	cca_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P76213	P0AG44	cho_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0ABH9	P0AG44	clpa_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0A9X9	P0AG44	cspa_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0A986	P0AG44	cspi_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0ACF4	P0AG44	dbhb_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0A9P6	P0AG44	dead_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0AEE8	P0AG44	dma_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P06616	P0AG44	era_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P13024	P0AG44	fdhe_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0ADH5	P0AG44	fimb_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0AEM0	P0AG44	fkbx_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P23882	P0AG44	fmt_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P29131	P0AG44	ftsn_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0ACL5	P0AG44	glcc_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0ACC7	P0AG44	glmu_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0A9C5	P0AG44	glna_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P30128	P0AG44	greb_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P09372	P0AG44	grpe_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0A6Z1	P0AG44	hsca_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P77319	P0AG44	hscg_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0A7B8	P0AG44	hslv_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0AEV9	P0AG44	hyci_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P30147	P0AG44	hyi_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P24218	P0AG44	intd_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0C0L9	P0AG44	iscx_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0A722	P0AG44	lpxa_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P43341	P0AG44	lpxh_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0A738	P0AG44	moac_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P25738	P0AG44	msyb_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P76346	P0AG44	mtfa_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0A9H1	P0AG44	mug_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P22523	P0AG44	mukb_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P17443	P0AG44	murg_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P06722	P0AG44	muth_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P17802	P0AG44	muty_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P27896	P0AG44	narq_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P75960	P0AG44	npd_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P42641	P0AG44	obg_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P40191	P0AG44	pdxk_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P00914	P0AG44	phr_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P37590	P0AG44	pmrd_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P05055	P0AG44	pnp_ecoli	rl17_ecoli

POAG44	RL17_ECOLI	*	P17888	POAG44	pria_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P23830	POAG44	pss_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P24230	POAG44	recg_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P37692	POAG44	rfaf_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P27241	POAG44	rfaz_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P77215	POAG44	rhmd_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0AEI4	POAG44	rimo_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P75864	POAG44	rlml_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0ADR6	POAG44	rlmm_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P36979	POAG44	rlmn_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0AA39	POAG44	rluc_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0AA39	POAG44	rluc_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P32684	POAG44	rluf_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0A9J0	POAG44	rng_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0AFW4	POAG44	rnk_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0A7Y8	POAG44	rnpa_ecoli	rl17_ecoli
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POAG44	RL17_ECOLI	*	P0AGB6	POAG44	rpoe_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0A776	POAG44	rpoh_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0A776	POAG44	rpoh_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0A8R0	POAG44	rrea_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P36929	POAG44	rsmb_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0AGL7	POAG44	rsme_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0ACU2	POAG44	rutr_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P14081	POAG44	selb_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P21170	POAG44	spea_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0AG24	POAG44	spot_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0AFV4	POAG44	spr_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0A847	POAG44	tgt_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0A850	POAG44	tig_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P52097	POAG44	tils_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0A858	POAG44	tpis_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P60340	POAG44	trub_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0A8F0	POAG44	upp_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P71242	POAG44	wcak_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0AAB2	POAG44	wzb_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0A8P8	POAG44	xerd_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0A8E5	POAG44	yacl_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P75691	POAG44	yahk_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0AAS7	POAG44	ybcj_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P77634	POAG44	ybcm_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0A898	POAG44	ybey_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P75829	POAG44	ybjx_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P75915	POAG44	ycdy_ecoli	rl17_ecoli
POAG44	RL17_ECOLI	*	P0AB28	POAG44	yced_ecoli	rl17_ecoli

P0AG44	RL17_ECOLI	* P27431	P0AG44	ycfd_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P08245	P0AG44	ycih_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0A8L7	P0AG44	yciu_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0ACX9	P0AG44	ydie_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0A8A0	P0AG44	yebc_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0AD07	P0AG44	yecf_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0A8A2	P0AG44	yeen_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P76418	P0AG44	yegu_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P27238	P0AG44	yfed_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0AGJ5	P0AG44	yfif_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P76594	P0AG44	yfiq_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0ADQ7	P0AG44	ygam_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P77295	P0AG44	ygav_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P76632	P0AG44	ygck_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* Q46927	P0AG44	ygdI_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0ADT5	P0AG44	ygic_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P63417	P0AG44	yhbs_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0AGK4	P0AG44	yhby_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P37631	P0AG44	yhin_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P0A8H6	P0AG44	yihi_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P32680	P0AG44	yjag_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P39360	P0AG44	yjhi_ecoli	rl17_ecoli
P0AG44	RL17_ECOLI	* P75992	P0AG44	ymga_ecoli	rl17_ecoli
POC018	RL18_ECOLI	* P0ABD5	POC018	acca_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P0ACN4	POC018	allr_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P0ABH9	POC018	clpa_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P0A9X9	POC018	cspa_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P0A9Y6	POC018	cspc_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P0A9P6	POC018	dead_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P33371	POC018	dusc_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P0A9R7	POC018	ftse_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P77319	POC018	hscC_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P21645	POC018	lpxd_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P22523	POC018	mukB_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P0A7E9	POC018	pyrh_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P63177	POC018	rlmb_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P36979	POC018	rlmn_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P0AA39	POC018	rluc_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P0A7Y8	POC018	rnpa_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P0A776	POC018	rpPh_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P0A776	POC018	rpPh_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P0AG24	POC018	spot_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P15082	POC018	srI_r_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P0AAS7	POC018	ybcJ_ecoli	rl18_ecoli

POC018	RL18_ECOLI	* P0AGJ5	POC018	yfif_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* Q46904	POC018	ygcn_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P67624	POC018	yheu_ecoli	rl18_ecoli
POC018	RL18_ECOLI	* P0ADK8	POC018	yibl_ecoli	rl18_ecoli
POA7K6	RL19_ECOLI	* P33224	POA7K6	aidb_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0ACN4	POA7K6	allr_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0AE18	POA7K6	ampm_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* Q06065	POA7K6	atoc_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P36659	POA7K6	cbpa_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P31469	POA7K6	cbrc_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A6G7	POA7K6	clpp_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A9X9	POA7K6	cspa_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A9Y6	POA7K6	cspc_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A968	POA7K6	cspd_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A972	POA7K6	cspe_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P16676	POA7K6	cysa_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0ACF4	POA7K6	dbhb_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A9P6	POA7K6	dead_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A6K6	POA7K6	deob_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0AEE8	POA7K6	dma_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P08622	POA7K6	dnaj_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A6Y8	POA7K6	dnak_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A6M4	POA7K6	dtd_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A6Q3	POA7K6	faba_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A6Q6	POA7K6	fabz_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P76503	POA7K6	fadi_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0ADH5	POA7K6	fimb_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A6R3	POA7K6	fis_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0AEM0	POA7K6	fkbx_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P26608	POA7K6	flis_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P09372	POA7K6	grpe_ecoli	rl19_ecoli
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POA7K6	RL19_ECOLI	* P0A6X3	POA7K6	hfq_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P67910	POA7K6	hldd_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P28905	POA7K6	holc_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0ACG8	POA7K6	hslr_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A7B8	POA7K6	hslv_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A6Y1	POA7K6	ihfb_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A7A9	POA7K6	ipyr_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A715	POA7K6	kdsa_ecoli	rl19_ecoli
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POA7K6	RL19_ECOLI	* P0AC75	POA7K6	kdta_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P10441	POA7K6	lpxb_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P21645	POA7K6	lpxd_ecoli	rl19_ecoli

POA7K6	RL19_ECOLI	* P06993	POA7K6	malt_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A738	POA7K6	moac_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P17443	POA7K6	murg_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P68739	POA7K6	nfi_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P04846	POA7K6	nlpa_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0AFF6	POA7K6	nusa_ecoli	rl19_ecoli
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POA7K6	RL19_ECOLI	* P0AFI7	POA7K6	pdxh_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A9K3	POA7K6	phol_ecoli	rl19_ecoli
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POA7K6	RL19_ECOLI	* P00490	POA7K6	phsm_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A7A7	POA7K6	plsb_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P18133	POA7K6	pncb_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A9L5	POA7K6	ppic_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P05458	POA7K6	ptr_a_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A7E9	POA7K6	pyrh_ecoli	rl19_ecoli
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POA7K6	RL19_ECOLI	* P0AG20	POA7K6	rca_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A8J8	POA7K6	rela_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P25539	POA7K6	rhlb_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P63177	POA7K6	ribd_ecoli	rl19_ecoli
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POA7K6	RL19_ECOLI	* P37765	POA7K6	rlmn_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0AA39	POA7K6	rlub_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0AA39	POA7K6	rluc_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A7Y8	POA7K6	rluc_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A7Z4	POA7K6	rnpa_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A8T7	POA7K6	rpoa_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P00579	POA7K6	rpoc_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A776	POA7K6	rpod_ecoli	rl19_ecoli
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POA7K6	RL19_ECOLI	* P0AG24	POA7K6	skp_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P00960	POA7K6	spot_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A8M3	POA7K6	syga_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A847	POA7K6	syt_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A8I5	POA7K6	tgt_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P17993	POA7K6	trmb_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A9W0	POA7K6	ubig_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P46888	POA7K6	ular_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P37903	POA7K6	uspc_ecoli	rl19_ecoli
POA7K6	RL19_ECOLI	* P0A8G0	POA7K6	uspf_ecoli	rl19_ecoli
			POA7K6	uvrc_ecoli	rl19_ecoli

P0A7K6	RL19_ECOLI	* P0AAB2	P0A7K6	wzb_ecoli	rl19_ecoli
P0A7K6	RL19_ECOLI	* P0AAS7	P0A7K6	ybcj_ecoli	rl19_ecoli
P0A7K6	RL19_ECOLI	* P0AAT6	P0A7K6	ybeb_ecoli	rl19_ecoli
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P0A7K6	RL19_ECOLI	* P63417	P0A7K6	yhbs_ecoli	rl19_ecoli
P0A7K6	RL19_ECOLI	* P0ADK8	P0A7K6	yibl_ecoli	rl19_ecoli
P0A7K6	RL19_ECOLI	* P39407	P0A7K6	yjju_ecoli	rl19_ecoli
P60422	RL2_ECOLI	* P24224	P60422	acps_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P06134	P60422	ada_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P31441	P60422	adec_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A9Q7	P60422	adhe_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P28629	P60422	adia_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P05050	P60422	alkb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A955	P60422	alkh_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ACN4	P60422	allr_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P05052	P60422	appy_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P27254	P60422	argk_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P77398	P60422	arna_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AE37	P60422	asta_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P33363	P60422	bglx_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P06610	P60422	btue_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P36659	P60422	cbpa_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P36659	P60422	cbpa_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P06961	P60422	cca_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P69490	P60422	ccme_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ABH9	P60422	clpa_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P63284	P60422	clpb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A9X9	P60422	cspa_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P36995	P60422	cspb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A9Y6	P60422	cspc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A9Y6	P60422	cspc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A9Y6	P60422	cspc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A968	P60422	cspd_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A972	P60422	cspe_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A972	P60422	cspe_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A978	P60422	cspg_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A986	P60422	cspi_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P69488	P60422	cuta_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ACF0	P60422	dbha_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ACF4	P60422	dbhb_ecoli	rl2_ecoli

P60422	RL2_ECOLI	* P0AED9	P60422	dcm_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P24171	P60422	dcp_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P37195	P60422	dctr_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A9P6	P60422	dead_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A9P6	P60422	dead_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A6P5	P60422	der_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P00393	P60422	dhna_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P66817	P60422	diaa_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P03004	P60422	dnaa_ecoli	rl2_ecoli
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P60422	RL2_ECOLI	* P37313	P60422	dppf_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AEH3	P60422	elaa_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AEH5	P60422	elab_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P06616	P60422	era_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76556	P60422	eutp_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A6Q3	P60422	faba_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A953	P60422	fabb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A6Q6	P60422	fabz_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P21177	P60422	fadb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76503	P60422	fadi_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AAJ3	P60422	fdnh_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ADH5	P60422	fimb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A6R3	P60422	fis_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AEM0	P60422	fkbx_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P61949	P60422	flav_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ABY4	P60422	flaw_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ABW9	P60422	flgb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ABZ1	P60422	flig_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P52612	P60422	flii_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P06974	P60422	flim_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P15286	P60422	flk_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P77609	P60422	flxa_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A9R7	P60422	ftse_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P05042	P60422	fumc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A9S3	P60422	gatd_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ACL5	P60422	glcc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ACC7	P60422	glmu_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A9C5	P60422	glna_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A9Z1	P60422	glnb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P13035	P60422	glpd_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P63228	P60422	gmhb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A6W5	P60422	grea_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P45759	P60422	gspe_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P32131	P60422	hemn_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ABC3	P60422	hflc_ecoli	rl2_ecoli

P60422	RL2_ECOLI	* P0A6X3	P60422	hfq_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A6X3	P60422	hfq_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P28631	P60422	holb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P28905	P60422	holc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P28905	P60422	holc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A6Z1	P60422	hsca_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ACG8	P60422	hslr_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A7B8	P60422	hslv_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A6Z3	P60422	htpg_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ACV0	P60422	htrb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P19930	P60422	hyad_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P19931	P60422	hyae_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P37182	P60422	hybd_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AEV9	P60422	hyci_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P71229	P60422	hyfr_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P39346	P60422	idnd_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A6Y1	P60422	ihfb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P32053	P60422	inta_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P39347	P60422	intb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P24218	P60422	intd_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76168	P60422	intq_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AAC8	P60422	isca_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AGK8	P60422	iscr_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0C0L9	P60422	iscx_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P22939	P60422	ispa_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AD57	P60422	ispb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A720	P60422	kthy_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P21645	P60422	lpxd_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P21645	P60422	lpxd_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P77791	P60422	maa_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P18811	P60422	mali_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P23256	P60422	maly_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P00946	P60422	mana_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P24174	P60422	manc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P77455	P60422	maoc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P24200	P60422	mcra_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P32716	P60422	mdtn_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ACH8	P60422	melr_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P30958	P60422	mfd_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AEI1	P60422	miab_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P18196	P60422	minc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P28224	P60422	mlic_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P25745	P60422	mnma_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P25738	P60422	msyb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P40874	P60422	mtox_ecoli	rl2_ecoli

P60422	RL2_ECOLI	* P0A9H1	P60422	mug_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P22523	P60422	mukb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P22523	P60422	mukb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P22524	P60422	muke_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P06722	P60422	muth_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P17802	P60422	muty_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P75949	P60422	nagz_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A9I5	P60422	napd_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P33594	P60422	nike_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* Q46877	P60422	norv_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P75960	P60422	npd_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P52006	P60422	nudi_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AFF6	P60422	nusa_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AFF6	P60422	nusa_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AFG0	P60422	nusg_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P42641	P60422	obg_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76078	P60422	paab_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76086	P60422	paax_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AFI2	P60422	parc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76577	P60422	pbpc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A9K3	P60422	phol_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P00914	P60422	phr_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A7A7	P60422	plsb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P37590	P60422	pmrd_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P18133	P60422	pncb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P05055	P60422	pnp_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P07102	P60422	ppa_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P23538	P60422	ppsa_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P17888	P60422	pria_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P07013	P60422	prib_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P23862	P60422	pric_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P23830	P60422	pss_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P33025	P60422	psug_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P05458	P60422	ptr_a_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P24555	P60422	ptrb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P33221	P60422	purt_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A7E9	P60422	pyrh_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P40719	P60422	qsec_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P15033	P60422	racc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P69405	P60422	rca_s_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A7G6	P60422	reca_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P24230	P60422	recg_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AG20	P60422	rela_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P27127	P60422	rfab_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P24173	P60422	rfac_ecoli	rl2_ecoli

P60422	RL2_ECOLI	* P37692	P60422	rfaf_ecoli	ri2_ecoli
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P60422	RL2_ECOLI	* P25741	P60422	rfap_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P27833	P60422	rffa_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P25888	P60422	rhle_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P75864	P60422	rlml_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0ADR6	P60422	rlmm_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P36979	P60422	rlmn_ecoli	ri2_ecoli
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P60422	RL2_ECOLI	* P37765	P60422	rlub_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0AA39	P60422	rluc_ecoli	ri2_ecoli
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P60422	RL2_ECOLI	* P0AA39	P60422	rluc_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P33643	P60422	rlud_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P75966	P60422	rlue_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P21513	P60422	rne_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P21513	P60422	rne_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P21513	P60422	rne_ecoli	ri2_ecoli
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P60422	RL2_ECOLI	* P21513	P60422	rne_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0A9J0	P60422	rng_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0A7Y4	P60422	rnh_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0AFW4	P60422	rnk_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0A7Y8	P60422	rnpa_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0A7Y8	P60422	rnpa_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0A7Y8	P60422	rnpa_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P21499	P60422	rnrc_ecoli	ri2_ecoli
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P60422	RL2_ECOLI	* P0A7Z4	P60422	rpoa_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0A7Z4	P60422	rpoa_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0A8V2	P60422	rpob_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0A8V2	P60422	rpob_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0A8T7	P60422	rpoc_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0A8T7	P60422	rpoc_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0A8T7	P60422	rpoc_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P00579	P60422	rpod_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0A800	P60422	rpoz_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0A776	P60422	rppe_ecoli	ri2_ecoli
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P60422	RL2_ECOLI	* P0A776	P60422	rppe_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P36929	P60422	rsmb_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P39406	P60422	rsmc_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P0ADX9	P60422	rsmd_ecoli	ri2_ecoli
P60422	RL2_ECOLI	* P75817	P60422	rumb_ecoli	ri2_ecoli

P60422	RL2_ECOLI	* P75898	P60422	ruta_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ACU2	P60422	ruvr_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A8I1	P60422	ruvx_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P14081	P60422	selb_ecoli	rl2_ecoli
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P60422	RL2_ECOLI	* P16456	P60422	seld_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P23721	P60422	serc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ACH1	P60422	sfsb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A828	P60422	smg_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AGD3	P60422	sodf_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ACS2	P60422	soxr_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P21170	P60422	spea_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AG24	P60422	spot_ecoli	rl2_ecoli
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P60422	RL2_ECOLI	* P0AFV4	P60422	spr_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P39902	P60422	sprt_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P15082	P60422	srlr_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P21507	P60422	srmb_ecoli	rl2_ecoli
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P60422	RL2_ECOLI	* P80644	P60422	ssue_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P77515	P60422	stfq_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76072	P60422	stfr_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ACG1	P60422	stpa_ecoli	rl2_ecoli
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P60422	RL2_ECOLI	* P00959	P60422	sym_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P25397	P60422	tehb_ecoli	rl2_ecoli
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P60422	RL2_ECOLI	* P77718	P60422	thii_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A850	P60422	tig_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P52097	P60422	tils_ecoli	rl2_ecoli
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P60422	RL2_ECOLI	* P38684	P60422	torr_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P36673	P60422	trer_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A8I5	P60422	trmb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AGJ7	P60422	trml_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P00895	P60422	trpe_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P60340	P60422	trub_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* Q57261	P60422	trud_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A884	P60422	tysy_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AG03	P60422	ubix_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P12295	P60422	ung_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A8G0	P60422	uvrc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A8G0	P60422	uvrc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AED5	P60422	uvry_ecoli	rl2_ecoli

P60422	RL2_ECOLI	* P71237	P60422	wcac_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P71242	P60422	wcak_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AAB2	P60422	wzb_ecoli	rl2_ecoli
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P60422	RL2_ECOLI	* P40711	P60422	yaej_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* Q47158	P60422	yafp_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AAR3	P60422	ybak_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A898	P60422	ybey_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A8Z3	P60422	ybgc_ecoli	rl2_ecoli
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P60422	RL2_ECOLI	* P75828	P60422	ybjd_ecoli	rl2_ecoli
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P60422	RL2_ECOLI	* P0A8N0	P60422	ycbg_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AB14	P60422	yccj_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P31545	P60422	ycdb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P75915	P60422	ycdy_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P24188	P60422	ycea_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P27431	P60422	ycfd_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P29013	P60422	ycgb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AB43	P60422	ycgl_ecoli	rl2_ecoli
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P60422	RL2_ECOLI	* P75991	P60422	ycgz_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P37052	P60422	ychj_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P08245	P60422	ycih_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P77333	P60422	ycjz_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P38394	P60422	ydae_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P33666	P60422	ydba_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P34209	P60422	ydcf_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76104	P60422	ydcp_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76121	P60422	yddh_ecoli	rl2_ecoli
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P60422	RL2_ECOLI	* P64479	P60422	ydiz_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76243	P60422	yeao_ecoli	rl2_ecoli
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P60422	RL2_ECOLI	* P76318	P60422	yedk_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P33020	P60422	yeyi_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P33919	P60422	yejh_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P17994	P60422	yfaa_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76483	P60422	yfbm_ecoli	rl2_ecoli

P60422	RL2_ECOLI	* P64540	P60422	yfcl_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AD33	P60422	yfcz_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76512	P60422	yfdp_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76515	P60422	yfds_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P27238	P60422	yfed_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P24178	P60422	yffb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76569	P60422	yfgd_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AGJ5	P60422	yfif_ecoli	rl2_ecoli
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P60422	RL2_ECOLI	* P0AGJ5	P60422	yfif_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P33644	P60422	yfih_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P52119	P60422	yfjf_ecoli	rl2_ecoli
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P60422	RL2_ECOLI	* P77295	P60422	ygav_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P64554	P60422	ygcf_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76632	P60422	ygck_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* Q46802	P60422	ygev_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P52043	P60422	ygfh_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ADS6	P60422	ygge_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P38521	P60422	yggI_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P67080	P60422	yiggs_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ADT5	P60422	ygic_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P67701	P60422	ygjm_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P42599	P60422	ygjr_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A894	P60422	yhbj_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P67762	P60422	yhbp_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P45472	P60422	yhbq_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P63417	P60422	yhbs_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AGK4	P60422	yhby_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0AGK4	P60422	yhby_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P64616	P60422	yhco_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P37631	P60422	yhin_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A8H6	P60422	yihi_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A8H6	P60422	yihi_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P09162	P60422	yjaa_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P32680	P60422	yjag_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A8X0	P60422	yjga_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P39342	P60422	yjgr_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P75675	P60422	ykfj_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ACA7	P60422	ylij_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P75992	P60422	ymga_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ACV8	P60422	ymja_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76092	P60422	ynbc_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76148	P60422	yneg_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76222	P60422	ynja_ecoli	rl2_ecoli

P60422	RL2_ECOLI	* P0AA57	P60422	yoba_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76280	P60422	yobb_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P76539	P60422	ypea_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P65367	P60422	yqca_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A8W5	P60422	yqge_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0ADU7	P60422	yqib_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P45465	P60422	yran_ecoli	rl2_ecoli
P60422	RL2_ECOLI	* P0A9X1	P60422	znuc_ecoli	rl2_ecoli
P0A7L3	RL20_ECOLI	* P22333	P0A7L3	add_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0AEH5	P0A7L3	elab_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0A6R3	P0A7L3	fis_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0ABH0	P0A7L3	ftsa_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0A6X3	P0A7L3	hfq_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0A6Z1	P0A7L3	hsca_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P16528	P0A7L3	iclr_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0AC75	P0A7L3	kdta_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0A9M0	P0A7L3	lon_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0A722	P0A7L3	lpxa_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P21645	P0A7L3	lpxd_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P76086	P0A7L3	paax_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0A9K3	P0A7L3	phol_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P69405	P0A7L3	rca_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P61714	P0A7L3	risb_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P36979	P0A7L3	rlmn_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0AA39	P0A7L3	rluc_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0A7Y8	P0A7L3	rnpa_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P21499	P0A7L3	rnrc_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0A776	P0A7L3	rppe_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P14081	P0A7L3	selb_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P15082	P0A7L3	srlr_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0A847	P0A7L3	tgt_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0A8G0	P0A7L3	uvrc_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P09184	P0A7L3	vsr_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0A8B5	P0A7L3	ybab_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0AAS7	P0A7L3	ybcj_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P75829	P0A7L3	ybjx_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0AB06	P0A7L3	ycbk_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P76104	P0A7L3	ydcg_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0AGJ5	P0A7L3	yfif_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0ADE8	P0A7L3	ygfz_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0AGK4	P0A7L3	yhby_ecoli	rl20_ecoli
P0A7L3	RL20_ECOLI	* P0ADK8	P0A7L3	yibl_ecoli	rl20_ecoli
P0AG48	RL21_ECOLI	* P0A9Q5	P0AG48	accd_ecoli	rl21_ecoli

P0AG48	RL21_ECOLI	* P33224	P0AG48	aidb_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0ACN4	P0AG48	allr_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P06709	P0AG48	bira_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0ABH9	P0AG48	clpa_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P63284	P0AG48	clpb_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A6G7	P0AG48	clpp_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A9Y6	P0AG48	cspc_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A972	P0AG48	cspe_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0ACF4	P0AG48	dbhb_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0AED9	P0AG48	dcm_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A9P6	P0AG48	dead_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P06616	P0AG48	era_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P76503	P0AG48	fadi_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0ADH5	P0AG48	fimb_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0ABH0	P0AG48	ftsa_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A9R7	P0AG48	ftse_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0AAI3	P0AG48	ftsh_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P15038	P0AG48	held_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A6X3	P0AG48	hfq_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P28632	P0AG48	hold_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A7B8	P0AG48	hslv_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P16528	P0AG48	iclr_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A6Y1	P0AG48	ihfb_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0AEW6	P0AG48	ingk_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A715	P0AG48	kdsa_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0AC75	P0AG48	kdta_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P61316	P0AG48	lola_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A9M0	P0AG48	lon_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A722	P0AG48	lpxa_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P21645	P0AG48	lpxd_ecoli	rl21_ecoli
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P0AG48	RL21_ECOLI	* P77791	P0AG48	maa_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P30745	P0AG48	moaa_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P75960	P0AG48	npd_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A8D0	P0AG48	nrdr_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P76086	P0AG48	paax_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A9K3	P0AG48	phol_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P00490	P0AG48	phsm_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P05055	P0AG48	pnp_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P23830	P0AG48	pss_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A7E9	P0AG48	pyrh_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P69405	P0AG48	rcsa_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A8J8	P0AG48	rhlb_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P25539	P0AG48	ribd_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P61714	P0AG48	risb_ecoli	rl21_ecoli

P0AG48	RL21_ECOLI	* P36979	P0AG48	rlmn_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P37765	P0AG48	rlub_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0AA39	P0AG48	rluc_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0AA39	P0AG48	rluc_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P21513	P0AG48	rne_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A7Y8	P0AG48	rnpa_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P21499	P0AG48	rnrc_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A7Z4	P0AG48	rpoa_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P00579	P0AG48	rpod_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A776	P0AG48	rpph_ecoli	rl21_ecoli
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P0AG48	RL21_ECOLI	* P0AG24	P0AG48	spot_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P15082	P0AG48	srlr_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P00960	P0AG48	syga_ecoli	rl21_ecoli
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P0AG48	RL21_ECOLI	* P0A9W0	P0AG48	ular_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A8G0	P0AG48	uvrc_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0A8E5	P0AG48	yacl_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0AAS7	P0AG48	ybcj_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P75767	P0AG48	ybhk_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P75829	P0AG48	ybjx_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* Q46906	P0AG48	ygcp_ecoli	rl21_ecoli
P0AG48	RL21_ECOLI	* P0AGK4	P0AG48	yhby_ecoli	rl21_ecoli
P61175	RL22_ECOLI	* P0ABD5	P61175	acca_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A9Q5	P61175	accd_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A6A8	P61175	acp_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P33224	P61175	aidb_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0AE18	P61175	ampm_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P06709	P61175	bira_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P36659	P61175	cbpa_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P31469	P61175	cbrc_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P07363	P61175	chea_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P63284	P61175	clpb_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P36995	P61175	cspb_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A9Y6	P61175	cspc_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A978	P61175	cspg_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0AED9	P61175	dcm_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A9P6	P61175	dead_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A9P6	P61175	dead_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0AEE8	P61175	dma_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P03004	P61175	dnaa_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P08622	P61175	dnaj_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A6M4	P61175	dtd_ecoli	rl22_ecoli

P61175	RL22_ECOLI	* P33371	P61175	disc_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A6Q6	P61175	fabz_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P13024	P61175	fdhe_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0ADH5	P61175	fimb_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A6R3	P61175	fis_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P61949	P61175	flav_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A9R7	P61175	ftse_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0AEN8	P61175	fucm_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P31120	P61175	glmm_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P17169	P61175	glms_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A6X3	P61175	hfq_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0ACF8	P61175	hns_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P28630	P61175	hola_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P28905	P61175	holc_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0ACG8	P61175	hslr_ecoli	rl22_ecoli
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P61175	RL22_ECOLI	* P16528	P61175	iclr_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A6Y1	P61175	ihfb_ecoli	rl22_ecoli
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P61175	RL22_ECOLI	* P0A715	P61175	kdsa_ecoli	rl22_ecoli
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P61175	RL22_ECOLI	* P0AC75	P61175	kdta_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P60785	P61175	lepa_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P33232	P61175	lidd_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P61316	P61175	lola_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A9M0	P61175	lon_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A722	P61175	lpxa_ecoli	rl22_ecoli
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P61175	RL22_ECOLI	* P75830	P61175	maca_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0ACE0	P61175	mbhm_ecoli	rl22_ecoli
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P61175	RL22_ECOLI	* P0A738	P61175	moac_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P22523	P61175	mukb_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A749	P61175	mura_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P04846	P61175	nlpa_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0AFF6	P61175	nusa_ecoli	rl22_ecoli
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P61175	RL22_ECOLI	* P0AFG0	P61175	nusg_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P76086	P61175	paax_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0AFI2	P61175	parc_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A9K3	P61175	phol_ecoli	rl22_ecoli
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P61175	RL22_ECOLI	* P00490	P61175	phsm_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A7A7	P61175	plsb_ecoli	rl22_ecoli

P61175	RL22_ECOLI	* P18133	P61175	pncb_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P05055	P61175	pnp_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A9L5	P61175	ppic_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A7D1	P61175	pth_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P69797	P61175	ptnab_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A7E9	P61175	pyrh_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P69405	P61175	rdsa_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P69407	P61175	rdsb_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P21893	P61175	recj_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A8J8	P61175	rhlb_ecoli	rl22_ecoli
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P61175	RL22_ECOLI	* P45748	P61175	rimn_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P61714	P61175	risb_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P63177	P61175	rlmb_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0C0R7	P61175	rlme_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P36979	P61175	rlmn_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P36979	P61175	rlmn_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P37765	P61175	rlub_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0AA39	P61175	rluc_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0AA39	P61175	rluc_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P21513	P61175	rne_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P21513	P61175	rne_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A7Y8	P61175	rnpa_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P21499	P61175	rnrc_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A8V2	P61175	rpob_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A8T7	P61175	rpoc_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P00579	P61175	rpod_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A776	P61175	rpph_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A776	P61175	rpph_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P39286	P61175	rsga_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P10408	P61175	seca_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P14081	P61175	selb_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0AEU7	P61175	skp_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0AG24	P61175	spot_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0AG24	P61175	spot_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P15082	P61175	srlr_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P21507	P61175	srmb_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P21507	P61175	srmb_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P00960	P61175	syga_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A8M3	P61175	syt_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P00954	P61175	syw_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A847	P61175	tgt_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A850	P61175	tig_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A8I5	P61175	trmb_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A8I5	P61175	trmb_ecoli	rl22_ecoli

P61175	RL22_ECOLI	* P17993	P61175	ubig_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A9W0	P61175	ular_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A8G0	P61175	uvrc_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P03018	P61175	uvrd_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A8E5	P61175	yacl_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0AAS7	P61175	ybcj_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P75767	P61175	ybhk_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P75829	P61175	ybjx_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P76104	P61175	ydcg_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0AD12	P61175	yeez_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0AGJ5	P61175	yfif_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P76594	P61175	yfiq_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* Q46906	P61175	ygcp_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A894	P61175	yhbh_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0ADK8	P61175	yibl_ecoli	rl22_ecoli
P61175	RL22_ECOLI	* P0A9X1	P61175	znuc_ecoli	rl22_ecoli
P0ADZ0	RL23_ECOLI	* P0ABD5	P0ADZ0	acca_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0AE18	P0ADZ0	ampm_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0ABA6	P0ADZ0	atpg_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0A9Y6	P0ADZ0	cspc_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0A9P6	P0ADZ0	dead_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P03004	P0ADZ0	dnaa_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0ACB0	P0ADZ0	dnab_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P08622	P0ADZ0	dnaj_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0ABT2	P0ADZ0	dps_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P06968	P0ADZ0	dut_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0A6P9	P0ADZ0	eno_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0A6R3	P0ADZ0	fis_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P39829	P0ADZ0	gard_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0AES6	P0ADZ0	gyrb_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0ABS8	P0ADZ0	hole_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0A6Y1	P0ADZ0	ihfb_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0A9I5	P0ADZ0	napd_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0AFG0	P0ADZ0	nusg_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0A9L5	P0ADZ0	ppic_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P23830	P0ADZ0	pss_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P05458	P0ADZ0	ptrg_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0A7E9	P0ADZ0	pyrh_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P69405	P0ADZ0	rca_e_coli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P45748	P0ADZ0	rimn_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P36979	P0ADZ0	rlmn_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P21513	P0ADZ0	rne_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P21499	P0ADZ0	rnr_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0A7Z4	P0ADZ0	rpoa_ecoli	rl23_ecoli

P0ADZ0	RL23_ECOLI	* P0A800	P0ADZ0	rpoz_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P39286	P0ADZ0	rsga_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0A809	P0ADZ0	ruva_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0A9K9	P0ADZ0	slyd_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P15082	P0ADZ0	srlr_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P21507	P0ADZ0	srmb_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P07813	P0ADZ0	syl_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0A850	P0ADZ0	tig_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P39177	P0ADZ0	uspg_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P03018	P0ADZ0	uvrd_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P28634	P0ADZ0	yaeb_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0AAT9	P0ADZ0	ybel_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0A8Z3	P0ADZ0	ybgc_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P75767	P0ADZ0	ybhk_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P0ACX9	P0ADZ0	ydie_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P52126	P0ADZ0	yfjk_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* Q46904	P0ADZ0	ygcn_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P23839	P0ADZ0	yicc_ecoli	rl23_ecoli
P0ADZ0	RL23_ECOLI	* P39336	P0ADZ0	yjgl_ecoli	rl23_ecoli
P60624	RL24_ECOLI	* P0ACN4	P60624	allr_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P36659	P60624	cbpa_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P0A9Y6	P60624	cspc_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P0A968	P60624	cspd_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P0A972	P60624	cspe_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P0A9P6	P60624	dead_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P03004	P60624	dnaa_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P08622	P60624	dnaj_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P0ABT2	P60624	dps_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P0ADH5	P60624	fimb_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P0A6X3	P60624	hfq_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P0ACF8	P60624	hns_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P0A7B8	P60624	hslv_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P16528	P60624	iclr_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P0A715	P60624	kdsa_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P0A715	P60624	kdsa_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P60785	P60624	lepa_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P0A722	P60624	lpxa_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P21645	P60624	lpxd_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P17443	P60624	murg_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P0AFF6	P60624	nusa_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P0A9K3	P60624	phol_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P0A9K3	P60624	phol_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P0A7A7	P60624	plsb_ecoli	rl24_ecoli
P60624	RL24_ECOLI	* P05055	P60624	pnp_ecoli	rl24_ecoli

P60624	RL24_ECOLI	*	P36979	P60624	rlmn_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P36979	P60624	rlmn_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P37765	P60624	rlub_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P0AA39	P60624	rluc_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P0AA39	P60624	rluc_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P21513	P60624	rne_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P0A7Y8	P60624	rnpa_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P21499	P60624	rnr_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P0A7Z4	P60624	rpoa_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P0A8T7	P60624	rpoc_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P0A776	P60624	rpph_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P14081	P60624	selb_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P0AEU7	P60624	skp_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P0AG24	P60624	spot_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P21507	P60624	srmb_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P21507	P60624	srmb_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P0A832	P60624	ssrp_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P0A847	P60624	tgt_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P0A8I5	P60624	trmb_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P0AAS7	P60624	ybcj_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P75829	P60624	ybjx_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P76104	P60624	ydcp_ecoli	rl24_ecoli
P60624	RL24_ECOLI	*	P39283	P60624	yjen_ecoli	rl24_ecoli
P68919	RL25_ECOLI	*	P0A715	P68919	kdsa_ecoli	rl25_ecoli
P68919	RL25_ECOLI	*	P0A9K3	P68919	phol_ecoli	rl25_ecoli
P68919	RL25_ECOLI	*	P37765	P68919	rlub_ecoli	rl25_ecoli
P68919	RL25_ECOLI	*	P0A776	P68919	rpph_ecoli	rl25_ecoli
P68919	RL25_ECOLI	*	P14081	P68919	selb_ecoli	rl25_ecoli
P68919	RL25_ECOLI	*	P30139	P68919	thig_ecoli	rl25_ecoli
P68919	RL25_ECOLI	*	P0A8G0	P68919	uvrc_ecoli	rl25_ecoli
P68919	RL25_ECOLI	*	P76539	P68919	ypea_ecoli	rl25_ecoli
P0A7L8	RL27_ECOLI	*	P0ABH9	P0A7L8	clpa_ecoli	rl27_ecoli
P0A7L8	RL27_ECOLI	*	P0A9P6	P0A7L8	dead_ecoli	rl27_ecoli
P0A7L8	RL27_ECOLI	*	P0AES4	P0A7L8	gyra_ecoli	rl27_ecoli
P0A7L8	RL27_ECOLI	*	P76346	P0A7L8	mtfa_ecoli	rl27_ecoli
P0A7L8	RL27_ECOLI	*	P0AFI2	P0A7L8	parc_ecoli	rl27_ecoli
P0A7L8	RL27_ECOLI	*	P0A7E9	P0A7L8	pyrh_ecoli	rl27_ecoli
P0A7L8	RL27_ECOLI	*	P36979	P0A7L8	rlmn_ecoli	rl27_ecoli
P0A7L8	RL27_ECOLI	*	P0A7Z4	P0A7L8	rpoa_ecoli	rl27_ecoli
P0A7L8	RL27_ECOLI	*	P0A9K9	P0A7L8	slyd_ecoli	rl27_ecoli
P0A7L8	RL27_ECOLI	*	P0AAT9	P0A7L8	ybel_ecoli	rl27_ecoli
P0A7M2	RL28_ECOLI	*	P0A6A3	P0A7M2	acka_ecoli	rl28_ecoli

POA7M2	RL28_ECOLI	*	P0A6A8	POA7M2	acp_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A9Q7	POA7M2	adhe_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P33224	POA7M2	aidb_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0AE18	POA7M2	ampm_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P02924	POA7M2	araf_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0AE28	POA7M2	arom_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A6E6	POA7M2	atpe_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P07363	POA7M2	chea_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0AE72	POA7M2	chpr_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A6G7	POA7M2	clpp_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A9P6	POA7M2	dead_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P03004	POA7M2	dnaa_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P76503	POA7M2	fadi_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P32177	POA7M2	fdhd_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0ADH5	POA7M2	fimb_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P61949	POA7M2	flav_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0ABX8	POA7M2	flii_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P77609	POA7M2	flxa_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P62707	POA7M2	gpma_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A6X3	POA7M2	hfq_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P28631	POA7M2	holb_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P28905	POA7M2	holc_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P28632	POA7M2	hold_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0ACG8	POA7M2	hslr_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0ADG1	POA7M2	ilvm_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P76168	POA7M2	intq_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A7A9	POA7M2	ipy_r_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A715	POA7M2	kdsa_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P33232	POA7M2	lidd_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A722	POA7M2	lpxa_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P75830	POA7M2	maca_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P24175	POA7M2	manb_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0ACE0	POA7M2	mbhm_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P54746	POA7M2	mngb_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P13669	POA7M2	mngr_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0AEZ9	POA7M2	moab_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A738	POA7M2	moac_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A738	POA7M2	moac_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P30749	POA7M2	moae_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P31060	POA7M2	modf_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P25738	POA7M2	msyb_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P22523	POA7M2	mukb_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0AF20	POA7M2	nagc_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P33937	POA7M2	napa_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P68739	POA7M2	nfi_ecoli	rl28_ecoli

POA7M2	RL28_ECOLI	*	P0AFG0	POA7M2	nusg_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P76086	POA7M2	paax_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P76086	POA7M2	paax_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0ACL9	POA7M2	pdhr_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A9K3	POA7M2	phol_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A7A7	POA7M2	plsb_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A7D1	POA7M2	pth_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P69797	POA7M2	ptnab_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0AD49	POA7M2	raia_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P69407	POA7M2	rccb_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P21893	POA7M2	recj_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P15043	POA7M2	recq_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A8J8	POA7M2	rhlb_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P25888	POA7M2	rhle_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P63177	POA7M2	rlmb_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P36979	POA7M2	rlmn_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P37765	POA7M2	rlub_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0AA39	POA7M2	rluc_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P21513	POA7M2	rne_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P21513	POA7M2	rne_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A7Y4	POA7M2	rnh_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A7Z4	POA7M2	rpoa_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P00579	POA7M2	rpod_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A776	POA7M2	rpph_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0ACU2	POA7M2	rutr_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P14081	POA7M2	selb_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0AG24	POA7M2	spot_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A832	POA7M2	ssrp_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P00960	POA7M2	syga_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A847	POA7M2	tgt_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P30139	POA7M2	thig_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0AGG0	POA7M2	thil_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A850	POA7M2	tig_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A850	POA7M2	tig_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P19934	POA7M2	tola_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A858	POA7M2	tpis_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P26602	POA7M2	ubic_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A9W0	POA7M2	ular_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P46888	POA7M2	uspc_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A8F8	POA7M2	uvrb_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A8G0	POA7M2	uvrc_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0AAB2	POA7M2	wzb_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P0A8E5	POA7M2	yacl_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P77634	POA7M2	ybcm_ecoli	rl28_ecoli
POA7M2	RL28_ECOLI	*	P75829	POA7M2	ybjx_ecoli	rl28_ecoli

P0A7M2	RL28_ECOLI	* P76164	P0A7M2	ydfw_ecoli	rl28_ecoli
P0A7M2	RL28_ECOLI	* P76569	P0A7M2	yfgd_ecoli	rl28_ecoli
P0A7M2	RL28_ECOLI	* P76578	P0A7M2	yfhm_ecoli	rl28_ecoli
P0A7M2	RL28_ECOLI	* P76594	P0A7M2	yfiq_ecoli	rl28_ecoli
P0A7M2	RL28_ECOLI	* Q46905	P0A7M2	ygco_ecoli	rl28_ecoli
P0A7M2	RL28_ECOLI	* P38521	P0A7M2	yggf_ecoli	rl28_ecoli
P0A7M2	RL28_ECOLI	* P30871	P0A7M2	ygif_ecoli	rl28_ecoli
P0A7M2	RL28_ECOLI	* P0ADJ3	P0A7M2	yhjr_ecoli	rl28_ecoli
P0A7M2	RL28_ECOLI	* P0ADK8	P0A7M2	yibl_ecoli	rl28_ecoli
P0A7M2	RL28_ECOLI	* P56259	P0A7M2	yifn_ecoli	rl28_ecoli
P0A7M2	RL28_ECOLI	* P39407	P0A7M2	yjju_ecoli	rl28_ecoli
P0A7M2	RL28_ECOLI	* P75675	P0A7M2	ykfj_ecoli	rl28_ecoli
P0A7M2	RL28_ECOLI	* P77379	P0A7M2	ykgd_ecoli	rl28_ecoli
P0A7M2	RL28_ECOLI	* P75994	P0A7M2	ymgc_ecoli	rl28_ecoli
P0A7M2	RL28_ECOLI	* P76539	P0A7M2	ypea_ecoli	rl28_ecoli
P0A7M2	RL28_ECOLI	* P45465	P0A7M2	yran_ecoli	rl28_ecoli
P60438	RL3_ECOLI	* P0ABD5	P60438	acca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P24182	P60438	accg_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P33224	P60438	aidb_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P33224	P60438	aidb_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P36659	P60438	cbpa_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P06961	P60438	cca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0AE60	P60438	ceda_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0ABH9	P60438	clpa_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P63284	P60438	clpb_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A6G7	P60438	clpp_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A6I6	P60438	coad_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0ACJ8	P60438	crp_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A9X9	P60438	cspa_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A9X9	P60438	cspa_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A9X9	P60438	cspa_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P36995	P60438	cspb_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A9Y6	P60438	cspc_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A9Y6	P60438	cspc_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A968	P60438	cspd_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A968	P60438	cspd_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A972	P60438	cspe_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A972	P60438	cspe_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A978	P60438	cspg_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0ACF4	P60438	dbhb_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0ACF4	P60438	dbhb_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0AED9	P60438	dcm_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P76316	P60438	dcyd_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A9P6	P60438	dead_ecoli	rl3_ecoli

P60438	RL3_ECOLI	* P03004	P60438	dnaa_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P77202	P60438	dsbg_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A6M4	P60438	dtd_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A6Q6	P60438	fabz_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0ADH5	P60438	fimb_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A6R3	P60438	fis_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0AEM0	P60438	fbxb_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P30128	P60438	greb_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P15038	P60438	held_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A6X3	P60438	hfq_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A6X3	P60438	hfq_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P67910	P60438	hldd_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P34749	P60438	hofq_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P28631	P60438	holb_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P28905	P60438	holc_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P28905	P60438	holc_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P28632	P60438	hold_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A6Y5	P60438	hslo_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A6H5	P60438	hslu_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A7B8	P60438	hslv_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A7B8	P60438	hslv_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A6X7	P60438	ihfa_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A6Y1	P60438	ihfb_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A7A9	P60438	ipyrc_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P22939	P60438	ispa_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A715	P60438	kdsa_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A9H3	P60438	ldci_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A9M0	P60438	lon_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A722	P60438	lpxa_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P21645	P60438	lpxd_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P76114	P60438	mcbr_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P61889	P60438	mdh_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P25522	P60438	mnme_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A9X4	P60438	mreb_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P22523	P60438	mukb_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P77245	P60438	murr_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P68739	P60438	nfi_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P63020	P60438	nfua_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0AFF6	P60438	nusa_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A780	P60438	nusb_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P76086	P60438	paax_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A9K3	P60438	phol_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A9K3	P60438	phol_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P00490	P60438	phsm_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P00490	P60438	phsm_ecoli	rl3_ecoli

P60438	RL3_ECOLI	* P0A7A7	P60438	plsb_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A7A7	P60438	plsb_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P23862	P60438	pric_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P23830	P60438	pss_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A7E9	P60438	pyrh_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P60240	P60438	rapa_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P69405	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P69407	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A8J8	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A8J8	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P25888	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0AG30	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P25539	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P61714	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P61714	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P63177	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0C0R7	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P75864	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P36979	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P36979	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P36979	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P37765	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P37765	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0AA39	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0AA39	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P21513	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P21513	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A7Y8	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A7Y8	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P21499	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P21499	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A7Z4	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A8T7	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A8T7	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A776	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A776	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A776	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P39286	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P36929	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P60390	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P46850	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P14081	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P14081	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0A823	P60438	rca_ecoli	rl3_ecoli
P60438	RL3_ECOLI	* P0AG24	P60438	rca_ecoli	rl3_ecoli

P60438	RL3_ECOLI	* P0AG24	P60438	spot_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P15082	P60438	srlr_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P07813	P60438	syl_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0A8M3	P60438	syt_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P00954	P60438	syw_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0A847	P60438	tgt_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0A850	P60438	tig_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0A850	P60438	tig_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0AGI8	P60438	trka_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0A8I5	P60438	trmb_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0A9W0	P60438	ular_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0A9W0	P60438	ular_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0A8G0	P60438	uvrc_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0A8G0	P60438	uvrc_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P03018	P60438	uvrd_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0A8E5	P60438	yacl_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P40711	P60438	yaej_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0AAS7	P60438	ybcj_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0AAS7	P60438	ybcj_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0A8Z3	P60438	ybgc_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P75767	P60438	ybhk_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P75829	P60438	ybjx_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P75829	P60438	ybjx_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P76104	P60438	ydcg_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P33916	P60438	yejf_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P39199	P60438	yfcb_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P39199	P60438	yfcb_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0AGJ5	P60438	yfif_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0AGJ5	P60438	yfif_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P76594	P60438	yfiq_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P52126	P60438	yfjk_ecoli	r13_ecoli
P60438	RL3_ECOLI	* Q46906	P60438	ygcp_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0AGK4	P60438	yhby_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P45550	P60438	yhfx_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P37634	P60438	yhir_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0ADK8	P60438	yibl_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0A8H6	P60438	yihi_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P0A8X0	P60438	yjga_ecoli	r13_ecoli
P60438	RL3_ECOLI	* P76148	P60438	yneg_ecoli	r13_ecoli
P0AG51	RL30_ECOLI	none			
P0A7N4	RL32_ECOLI	* P13669	P0A7N4	mng_r_ecoli	r132_ecoli
P0A7N4	RL32_ECOLI	* P75616	P0A7N4	yaax_ecoli	r132_ecoli
P0A7N4	RL32_ECOLI	* P38521	P0A7N4	ygg_l_ecoli	r132_ecoli

POA7N4	RL32_ECOLI	* P75994	POA7N4	ymgc_ecoli	rl32_ecoli
POA7N9	RL33_ECOLI	* P0A9Q5	POA7N9	accd_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0AE18	POA7N9	ampm_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P36659	POA7N9	cbpa_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0ABH9	POA7N9	clpa_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A6G7	POA7N9	clpp_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A6H1	POA7N9	clpx_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A6Y8	POA7N9	dnak_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A6R3	POA7N9	fis_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P09372	POA7N9	grpe_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P69931	POA7N9	hda_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P28630	POA7N9	hola_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P28905	POA7N9	holc_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A6L9	POA7N9	hscb_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A7B8	POA7N9	hslv_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A6Z3	POA7N9	htpg_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A6Y1	POA7N9	ihfb_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P22939	POA7N9	ispa_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A715	POA7N9	kdsa_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0AC75	POA7N9	kdaa_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A722	POA7N9	lpxa_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P21645	POA7N9	lpxd_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P25522	POA7N9	mnme_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P17443	POA7N9	murg_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0AFI2	POA7N9	parc_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A9K3	POA7N9	phol_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A7A7	POA7N9	plsb_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A7D1	POA7N9	pth_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A7E9	POA7N9	pyrh_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P69405	POA7N9	rca_e_coli	rl33_ecoli
POA7N9	RL33_ECOLI	* P61714	POA7N9	risb_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P63177	POA7N9	rlmb_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P37351	POA7N9	rpib_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A7Z4	POA7N9	rpoa_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A8V2	POA7N9	rpob_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P39286	POA7N9	rsga_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P15082	POA7N9	srlr_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0AAS7	POA7N9	ybcj_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P75829	POA7N9	ybjx_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P76104	POA7N9	ydcg_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* Q46906	POA7N9	ygcp_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P67701	POA7N9	ygjm_ecoli	rl33_ecoli
POA7N9	RL33_ECOLI	* P0A9X1	POA7N9	znuc_ecoli	rl33_ecoli

P0A7Q1 RL35_ECOLI

none

P60723	RL4_ECOLI	*	P24224	P60723	acps_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P06720	P60723	agal_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P36548	P60723	amia_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0AE18	P60723	ampm_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P05052	P60723	appy_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P36659	P60723	cbpa_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P36659	P60723	cbpa_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P07364	P60723	cher_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0ABH9	P60723	clpa_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A6G7	P60723	clpp_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A6I6	P60723	coad_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A9X9	P60723	cspa_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P36995	P60723	cspb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A9Y6	P60723	cspc_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A9Y6	P60723	cspc_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A972	P60723	cspe_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A972	P60723	cspe_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A978	P60723	cspg_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A986	P60723	cspi_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0ABK5	P60723	cysk_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P11557	P60723	damx_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0ACF0	P60723	dbha_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P37195	P60723	dctr_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P76316	P60723	dcyd_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A9P6	P60723	dead_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A6K3	P60723	def_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A6P5	P60723	der_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0AEE8	P60723	dma_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P03004	P60723	dnaa_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0ACB0	P60723	dnab_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A6Y8	P60723	dnak_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P76540	P60723	eutk_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P76556	P60723	eutp_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P76555	P60723	eutq_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P63746	P60723	euts_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A6Q6	P60723	fabz_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A6R3	P60723	fis_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0ABZ1	P60723	flig_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P26608	P60723	flis_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P23882	P60723	fmt_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0AAI3	P60723	ftsh_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P68066	P60723	grca_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A6W5	P60723	grea_ecoli	rl4_ecoli

P60723	RL4_ECOLI	*	P09372	P60723	grpe_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P15038	P60723	held_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A6X3	P60723	hfq_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A6X3	P60723	hfq_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P28905	P60723	holc_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P28905	P60723	holc_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0ACG8	P60723	hslr_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A6H5	P60723	hslu_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A7B8	P60723	hslv_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A7B8	P60723	hslv_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P16528	P60723	iclr_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A6Y1	P60723	ihfb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P24218	P60723	intd_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A7A9	P60723	ipyr_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A7A9	P60723	ipyr_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0C0L9	P60723	iscx_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P62623	P60723	isph_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0AB77	P60723	kbl_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A715	P60723	kdsa_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P04951	P60723	kdsb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P60785	P60723	lepa_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P21645	P60723	lpxd_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P21645	P60723	lpxd_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P21645	P60723	lpxd_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P43341	P60723	lpxh_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0AEI1	P60723	miab_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P25522	P60723	mnme_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A9H1	P60723	mug_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P22523	P60723	mukb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A749	P60723	mura_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P77245	P60723	murr_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P68739	P60723	nfi_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	Q46877	P60723	norv_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0AFD1	P60723	nuoe_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0AFF6	P60723	nusa_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0AFG0	P60723	nusg_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P33362	P60723	osmf_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P20083	P60723	pare_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A9K3	P60723	phol_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A9K3	P60723	phol_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P00490	P60723	phsm_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A7A7	P60723	plsb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P05055	P60723	pnp_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P05055	P60723	pnp_ecoli	rl4_ecoli
P60723	RL4_ECOLI	*	P0A9L5	P60723	ppic_ecoli	rl4_ecoli

P60723	RL4_ECOLI	* P0A7D1	P60723	pth_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0A7E9	P60723	pyrh_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P02925	P60723	rbsb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P69405	P60723	rca_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P24230	P60723	recg_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P21893	P60723	recj_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0AG20	P60723	rela_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P09377	P60723	rhas_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P25888	P60723	rhle_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0AG30	P60723	rho_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P25539	P60723	ribd_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0AG40	P60723	ribf_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P33022	P60723	rihb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P61714	P60723	risb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0C0R7	P60723	rlme_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0ADR6	P60723	rlmm_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P36979	P60723	rlmn_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P36979	P60723	rlmn_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P37765	P60723	rlub_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P37765	P60723	rlub_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0AA39	P60723	rluc_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0AA39	P60723	rluc_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P21513	P60723	rne_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P21513	P60723	rne_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0A7Y8	P60723	rnpa_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P21499	P60723	rnrc_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P21499	P60723	rnrc_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0A7Z4	P60723	rpoa_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0A7Z4	P60723	rpoa_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0A8V2	P60723	rpob_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0A8T7	P60723	rpoc_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P00579	P60723	rpod_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P00579	P60723	rpod_ecoli	rl4_ecoli
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P60723	RL4_ECOLI	* P0A776	P60723	rpph_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0A776	P60723	rpph_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P39286	P60723	rsga_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P36929	P60723	rsmb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P39406	P60723	rsmc_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P07026	P60723	sdia_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P10408	P60723	seca_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P14081	P60723	selb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0AG24	P60723	spot_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0AG24	P60723	spot_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P15082	P60723	srlr_ecoli	rl4_ecoli

P60723	RL4_ECOLI	* P21507	P60723	srmb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P21507	P60723	srmb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0AFZ3	P60723	sspb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0ADG4	P60723	suhb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P04805	P60723	syecoli	rl4_ecoli
P60723	RL4_ECOLI	* P00960	P60723	syga_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P07813	P60723	syl_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0A847	P60723	tgt_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0A850	P60723	tig_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0A850	P60723	tig_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P28904	P60723	trec_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0A8I5	P60723	trmb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P00895	P60723	trpe_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0AB18	P60723	tuse_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0A9W0	P60723	ular_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P37903	P60723	uspf_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0A8G0	P60723	uvrc_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* Q46800	P60723	xdhb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0A8E5	P60723	yacl_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P40711	P60723	yaej_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0AFP2	P60723	ybaz_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0AAS7	P60723	ybcj_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0AAT6	P60723	ybeb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P75767	P60723	ybhk_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P75829	P60723	ybjx_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P75829	P60723	ybjx_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P37052	P60723	ychj_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P08245	P60723	ycih_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P33218	P60723	yebe_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0ACY9	P60723	yebg_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0AD05	P60723	yeca_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P76396	P60723	yegl_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P77196	P60723	yfcu_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P76515	P60723	yfds_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P76538	P60723	yfez_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P24178	P60723	yffb_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0AFU4	P60723	yfha_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P52119	P60723	yfjf_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P76632	P60723	ygck_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* Q46906	P60723	ygcp_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* Q46927	P60723	ygdI_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0ADT5	P60723	ygic_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P42624	P60723	yhak_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P45472	P60723	yhbq_ecoli	rl4_ecoli
P60723	RL4_ECOLI	* P0AGK4	P60723	yhby_ecoli	rl4_ecoli

P60723	RL4_ECOLI	* P46854	P60723	yhhy_ecoli	r14_ecoli
P60723	RL4_ECOLI	* P37634	P60723	yhir_ecoli	r14_ecoli
P60723	RL4_ECOLI	* P0A8H6	P60723	yihi_ecoli	r14_ecoli
P60723	RL4_ECOLI	* P32162	P60723	yiis_ecoli	r14_ecoli
P60723	RL4_ECOLI	* P32694	P60723	yjbm_ecoli	r14_ecoli
P60723	RL4_ECOLI	* P32704	P60723	yjcf_ecoli	r14_ecoli
P60723	RL4_ECOLI	* P75992	P60723	ymga_ecoli	r14_ecoli
P60723	RL4_ECOLI	* P76148	P60723	yneg_ecoli	r14_ecoli
P60723	RL4_ECOLI	* P76280	P60723	yobb_ecoli	r14_ecoli
P60723	RL4_ECOLI	* P33368	P60723	yohf_ecoli	r14_ecoli
P60723	RL4_ECOLI	* P0A9X1	P60723	znuc_ecoli	r14_ecoli
P60723	RL4_ECOLI	* P0A9X1	P60723	znuc_ecoli	r14_ecoli
P62399	RL5_ECOLI	* P0ABB4	P62399	atpb_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P06610	P62399	btue_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P36659	P62399	cbpa_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0ABH9	P62399	clpa_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0A6G7	P62399	clpp_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0A9Y6	P62399	cspc_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0A9Y6	P62399	cspc_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P76250	P62399	dmlr_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0A6Q6	P62399	fabz_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P13024	P62399	fdhe_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P23484	P62399	feci_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0A9A6	P62399	ftsz_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P37147	P62399	fxsa_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0A6W5	P62399	grea_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0A6Z1	P62399	hsca_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0A6X7	P62399	ihfa_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0A6Y1	P62399	ihfb_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0A715	P62399	kdsa_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0AC75	P62399	kdt_a_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0A9H3	P62399	ldci_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P18196	P62399	minc_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0A734	P62399	mine_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0A9X4	P62399	mreb_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0AC65	P62399	nr_dh_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0AFF6	P62399	nusa_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0AFG0	P62399	nusg_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P42641	P62399	obg_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0A9K3	P62399	phol_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P0A9K3	P62399	phol_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P05055	P62399	pnp_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P33025	P62399	psug_ecoli	r15_ecoli
P62399	RL5_ECOLI	* P69811	P62399	ptfah_ecoli	r15_ecoli

P62399	RL5_ECOLI	*	P69791	P62399	ptqa_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P0A7E9	P62399	pyrh_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P69405	P62399	rca_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P69407	P62399	rca_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P09377	P62399	rca_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P25539	P62399	ribd_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P36979	P62399	rlmn_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P36979	P62399	rlmn_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P37765	P62399	rlub_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P0AA39	P62399	rluc_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P0A7Z4	P62399	rpoa_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P00579	P62399	rpod_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P0A776	P62399	rpph_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P0AEU7	P62399	skp_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P0A9K9	P62399	slyd_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P15082	P62399	srlr_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P0AFZ3	P62399	sspb_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P0A850	P62399	tig_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P0A8I5	P62399	trmb_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P37903	P62399	uspf_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P75829	P62399	ybjx_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P75829	P62399	ybjx_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P0AB28	P62399	yced_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P0AB43	P62399	ycgl_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P76012	P62399	ycgy_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P37052	P62399	ychn_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P0ACX5	P62399	ydhz_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P64479	P62399	ydiz_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P77768	P62399	yfci_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P77656	P62399	yfdk_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P64616	P62399	yhco_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P32694	P62399	yjbm_ecoli	r15_ecoli
P62399	RL5_ECOLI	*	P75992	P62399	ymga_ecoli	r15_ecoli
P0AG55	RL6_ECOLI	*	P24224	P0AG55	acps_ecoli	r16_ecoli
P0AG55	RL6_ECOLI	*	P0ABB4	P0AG55	atpb_ecoli	r16_ecoli
P0AG55	RL6_ECOLI	*	P33363	P0AG55	bglx_ecoli	r16_ecoli
P0AG55	RL6_ECOLI	*	P36659	P0AG55	cbpa_ecoli	r16_ecoli
P0AG55	RL6_ECOLI	*	P0A9P6	P0AG55	dead_ecoli	r16_ecoli
P0AG55	RL6_ECOLI	*	P76250	P0AG55	dmlr_ecoli	r16_ecoli
P0AG55	RL6_ECOLI	*	P0A6Y8	P0AG55	dnak_ecoli	r16_ecoli
P0AG55	RL6_ECOLI	*	P0ADI4	P0AG55	entb_ecoli	r16_ecoli
P0AG55	RL6_ECOLI	*	P65643	P0AG55	eutt_ecoli	r16_ecoli
P0AG55	RL6_ECOLI	*	P0A6Q6	P0AG55	fabz_ecoli	r16_ecoli
P0AG55	RL6_ECOLI	*	P13024	P0AG55	fdhe_ecoli	r16_ecoli

P0AG55	RL6_ECOLI	* P23484	P0AG55	feci_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P52614	P0AG55	flik_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0AEN1	P0AG55	fre_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P63204	P0AG55	gade_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P09394	P0AG55	glpq_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A9C9	P0AG55	glpx_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A6Z1	P0AG55	hsca_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P77319	P0AG55	hscg_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A715	P0AG55	kdsa_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A722	P0AG55	lpxa_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A722	P0AG55	lpxa_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A734	P0AG55	mine_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P30748	P0AG55	moad_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P06722	P0AG55	muth_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P37128	P0AG55	nudk_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0AFF6	P0AG55	nusa_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0AFH8	P0AG55	osmy_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A9K3	P0AG55	phol_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A9K3	P0AG55	phol_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P23836	P0AG55	phop_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A7A7	P0AG55	plsb_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P05055	P0AG55	pnp_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P23862	P0AG55	pric_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P33025	P0AG55	psug_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A9M8	P0AG55	pta_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P69811	P0AG55	ptfah_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P63177	P0AG55	rlmb_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P36979	P0AG55	rlmn_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P37765	P0AG55	rlub_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0AA39	P0AG55	rluc_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0AA39	P0AG55	rluc_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A7Y8	P0AG55	rnpa_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P21499	P0AG55	rnrc_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A8V0	P0AG55	rnz_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A7Z4	P0AG55	rpoa_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A776	P0AG55	rpph_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A776	P0AG55	rpph_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A9K9	P0AG55	slyd_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0AFZ3	P0AG55	sspb_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A832	P0AG55	ssrp_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A832	P0AG55	ssrp_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P00960	P0AG55	syga_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A850	P0AG55	tig_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A850	P0AG55	tig_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	* P0A8I5	P0AG55	trmb_ecoli	rl6_ecoli

P0AG55	RL6_ECOLI	*	P00895	P0AG55	trpe_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P77414	P0AG55	wcaa_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P0AAS7	P0AG55	ybcj_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P75829	P0AG55	ybjx_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P75829	P0AG55	ybjx_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P0AB28	P0AG55	yced_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P0AB43	P0AG55	ycgl_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P75991	P0AG55	ycgz_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P76069	P0AG55	yday_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P0ACX5	P0AG55	ydhz_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P0ACY9	P0AG55	yebg_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P0AD05	P0AG55	yeca_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P45508	P0AG55	yfal_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P65556	P0AG55	yfcd_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P77768	P0AG55	yfci_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P76515	P0AG55	yfds_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P0AGJ5	P0AG55	yfif_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P52119	P0AG55	yfjf_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P52062	P0AG55	yggw_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P0A8H6	P0AG55	yihi_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P32162	P0AG55	yiis_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P75992	P0AG55	ymga_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P0AA57	P0AG55	yoba_ecoli	rl6_ecoli
P0AG55	RL6_ECOLI	*	P76612	P0AG55	ypjb_ecoli	rl6_ecoli
P0A7K2	RL7_ECOLI	*	P0AE18	P0A7K2	ampm_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P36659	P0A7K2	cbpa_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P0ABH9	P0A7K2	clpa_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P0A6G7	P0A7K2	clpp_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P0A6H1	P0A7K2	clpx_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P0A6I6	P0A7K2	coad_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P0ACJ8	P0A7K2	crp_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P0A9X9	P0A7K2	cspa_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P36995	P0A7K2	cspb_ecoli	rl7_ecoli
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P0A7K2	RL7_ECOLI	*	P03004	P0A7K2	dnaa_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P0ACB0	P0A7K2	dnab_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P15042	P0A7K2	dnlj_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P0ABH0	P0A7K2	ftsa_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P0AAI3	P0A7K2	ftsh_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P0AEN8	P0A7K2	fucm_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P05852	P0A7K2	gcp_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P31120	P0A7K2	glmm_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P09372	P0A7K2	grpe_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	*	P69931	P0A7K2	hda_ecoli	rl7_ecoli

P0A7K2	RL7_ECOLI	* P15038	P0A7K2	held_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A6X3	P0A7K2	hfq_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P28630	P0A7K2	hola_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P28905	P0A7K2	holc_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P28632	P0A7K2	hold_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0ABS8	P0A7K2	hole_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P37024	P0A7K2	hrpb_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A6Z1	P0A7K2	hsca_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A6L9	P0A7K2	hscb_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A6H5	P0A7K2	hslu_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A7B8	P0A7K2	hslv_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P08142	P0A7K2	ilvb_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P22939	P0A7K2	ispa_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P62623	P0A7K2	isph_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0AB74	P0A7K2	kbay_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A715	P0A7K2	kdsa_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P04951	P0A7K2	kdsb_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0AC75	P0A7K2	kdta_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A720	P0A7K2	kthy_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P61316	P0A7K2	lola_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A722	P0A7K2	lpxa_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P21645	P0A7K2	lpxd_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0ACE0	P0A7K2	mbhm_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P63386	P0A7K2	mlaf_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P30748	P0A7K2	moad_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P22523	P0A7K2	mukb_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A749	P0A7K2	mura_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P17952	P0A7K2	murc_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P17443	P0A7K2	murg_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P22634	P0A7K2	muri_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0AF26	P0A7K2	narj_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P68739	P0A7K2	nfj_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A6Z6	P0A7K2	nikr_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A8D0	P0A7K2	nrdr_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0AFG0	P0A7K2	nusg_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P42641	P0A7K2	obg_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0AFI2	P0A7K2	parc_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A9K3	P0A7K2	phol_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A7A7	P0A7K2	plsb_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A9L5	P0A7K2	ppic_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0ABS5	P0A7K2	prim_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P23830	P0A7K2	pss_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A7D1	P0A7K2	pth_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A7E9	P0A7K2	pyrh_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P77756	P0A7K2	quec_ecoli	rl7_ecoli

P0A7K2	RL7_ECOLI	* P0AAZ4	P0A7K2	rara_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P31473	P0A7K2	rava_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0AG30	P0A7K2	rho_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P36979	P0A7K2	rlmn_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0AA39	P0A7K2	rluc_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P21513	P0A7K2	rne_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A7Y8	P0A7K2	rnpa_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P37351	P0A7K2	rpib_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A7Z4	P0A7K2	rpoa_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A8V2	P0A7K2	rpob_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P00579	P0A7K2	rpod_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A800	P0A7K2	rpoz_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P39286	P0A7K2	rsga_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P60390	P0A7K2	rsmh_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A8I1	P0A7K2	ruvx_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P10408	P0A7K2	seca_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P14081	P0A7K2	selb_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0AG24	P0A7K2	spot_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P21507	P0A7K2	srmb_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0ABZ6	P0A7K2	sura_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P07813	P0A7K2	syl_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A847	P0A7K2	tgt_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A850	P0A7K2	tig_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P23003	P0A7K2	trma_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A890	P0A7K2	tusa_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0A9W0	P0A7K2	ular_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P08390	P0A7K2	usg_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P39177	P0A7K2	uspg_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P03018	P0A7K2	uvrd_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0AED5	P0A7K2	uvry_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0AAR3	P0A7K2	ybak_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0AFP2	P0A7K2	ybaz_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0AAS7	P0A7K2	ybcj_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0AAT6	P0A7K2	ybeb_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P75829	P0A7K2	ybjx_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P75874	P0A7K2	yccu_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P24188	P0A7K2	ycea_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P75990	P0A7K2	ycgf_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P76104	P0A7K2	ydcp_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P77704	P0A7K2	ydji_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P76483	P0A7K2	yfbm_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P76578	P0A7K2	yfhm_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P52126	P0A7K2	yfjk_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0ADQ2	P0A7K2	yiid_ecoli	rl7_ecoli
P0A7K2	RL7_ECOLI	* P0AF67	P0A7K2	yjee_ecoli	rl7_ecoli

P0A7K2	RL7_ECOLI	* P0A9X1	P0A7K2	znuc_ecoli	rl7_ecoli
P0A7R1	RL9_ECOLI	* P0AE18	P0A7R1	ampm_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0ABB0	P0A7R1	atpa_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P36659	P0A7R1	cbpa_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0ABH9	P0A7R1	clpa_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A9Y6	P0A7R1	cspc_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0ACF4	P0A7R1	dbhb_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A9P6	P0A7R1	dead_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A9P6	P0A7R1	dead_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A6Y8	P0A7R1	dnak_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A6P9	P0A7R1	eno_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A6Q6	P0A7R1	fabz_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P23882	P0A7R1	fmt_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A6X3	P0A7R1	hfq_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P43329	P0A7R1	hrpa_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0ACG8	P0A7R1	hslr_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A7B8	P0A7R1	hslv_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P32053	P0A7R1	inta_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A7A9	P0A7R1	ipyr_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A715	P0A7R1	kdsa_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P60785	P0A7R1	lepa_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A9M0	P0A7R1	lon_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A9M0	P0A7R1	lon_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P21645	P0A7R1	lpxd_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P21645	P0A7R1	lpxd_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P22523	P0A7R1	mukb_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A799	P0A7R1	pgk_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A9K3	P0A7R1	phol_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A9K3	P0A7R1	phol_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P00914	P0A7R1	phr_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P00490	P0A7R1	phsm_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A7A7	P0A7R1	plsb_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P05055	P0A7R1	pnp_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P05055	P0A7R1	pnp_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A7E9	P0A7R1	pyrh_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P69407	P0A7R1	rscb_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0A8J8	P0A7R1	rhlb_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P63177	P0A7R1	rlmb_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P36979	P0A7R1	rlmn_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P36979	P0A7R1	rlmn_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P37765	P0A7R1	rlub_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P37765	P0A7R1	rlub_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0AA39	P0A7R1	rluc_ecoli	rl9_ecoli
P0A7R1	RL9_ECOLI	* P0AA39	P0A7R1	rluc_ecoli	rl9_ecoli

P0A7R1	RL9_ECOLI	*	P21513	P0A7R1	rne_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P21513	P0A7R1	rne_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P0A7Y8	P0A7R1	rnpa_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P21499	P0A7R1	rnrc_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P21499	P0A7R1	rnrc_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P0A8T7	P0A7R1	rpoc_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P0A776	P0A7R1	rppe_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P0A776	P0A7R1	rppe_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P14081	P0A7R1	selb_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P0AEU7	P0A7R1	skp_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P0AG24	P0A7R1	spot_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P0ACA3	P0A7R1	sspa_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P0A8M3	P0A7R1	syt_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P0A847	P0A7R1	tgt_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P0A847	P0A7R1	tgt_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P0A8I5	P0A7R1	trmb_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P0A8G0	P0A7R1	uvrc_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P0AAS7	P0A7R1	ybcj_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P0AAS7	P0A7R1	ybcj_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P75829	P0A7R1	ybjx_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P76104	P0A7R1	ydcj_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P0AGJ5	P0A7R1	yfif_ecoli	r19_ecoli
P0A7R1	RL9_ECOLI	*	P37631	P0A7R1	yhinc_ecoli	r19_ecoli
P75876	RLMI_ECOLI		none			
P75864	RLML_ECOLI	*	P0ABE7	P75864	c562_ecolx	rlml_ecoli
P75864	RLML_ECOLI	*	P21179	P75864	cate_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0A9X9	P75864	cspa_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0A9Y6	P75864	cspc_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0A968	P75864	cspd_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0A972	P75864	cspe_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0A9P6	P75864	dead_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0AEK4	P75864	fabj_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0A6X3	P75864	hfq_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P21645	P75864	lpxd_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P00946	P75864	mana_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0A9K3	P75864	phol_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P23830	P75864	pss_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P36979	P75864	rlmn_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P37765	P75864	rlub_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0AA39	P75864	rluc_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0AA39	P75864	rluc_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P21513	P75864	rne_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0A7Y8	P75864	rnpa_ecoli	rlml_ecoli

P75864	RLML_ECOLI	*	P21499	P75864	rnr_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0A776	P75864	rpph_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P21507	P75864	srmb_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0A847	P75864	tgt_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0A8I5	P75864	trmb_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0AAS7	P75864	ybcj_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0ACY9	P75864	yebg_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0AGJ5	P75864	yfif_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P30871	P75864	ygif_ecoli	rlml_ecoli
P75864	RLML_ECOLI	*	P0A8H6	P75864	yihi_ecoli	rlml_ecoli
P0ADR6	RLMM_ECOLI	*	P76318	P0ADR6	yedk_ecoli	rlmm_ecoli
P36979	RLMN_ECOLI	*	P0A858	P36979	tpis_ecoli	rlmn_ecoli
P10100	RLPA_ECOLI		none			
P37765	RLUB_ECOLI	*	P17445	P37765	betb_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P31469	P37765	cbrc_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0A9X9	P37765	cspa_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0A9Y6	P37765	cspc_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0A968	P37765	cspd_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0A972	P37765	cspe_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0ACF0	P37765	dbha_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0A9P6	P37765	dead_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0A9P6	P37765	dead_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0A6X3	P37765	hfq_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0A7B8	P37765	hslv_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P21645	P37765	lpxd_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P32173	P37765	moba_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0A9K3	P37765	phol_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0A7A7	P37765	plsb_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P05055	P37765	pnp_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P42184	P37765	prsa_ecolx	rlub_ecoli
P37765	RLUB_ECOLI	*	P36979	P37765	rlmn_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P36979	P37765	rlmn_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0AA39	P37765	rluc_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0AA39	P37765	rluc_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P21513	P37765	rne_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0A7Y8	P37765	rnpa_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0A776	P37765	rpph_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P14081	P37765	selb_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0AG24	P37765	spot_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P21507	P37765	srmb_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	*	P0A847	P37765	tgt_ecoli	rlub_ecoli

P37765	RLUB_ECOLI	* P06612	P37765	top1_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	* P0AAS7	P37765	ybcj_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	* P0AAS7	P37765	ybcj_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	* P75829	P37765	ybjx_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	* P0AGJ5	P37765	yfif_ecoli	rlub_ecoli
P37765	RLUB_ECOLI	* P0AGK4	P37765	yhby_ecoli	rlub_ecoli
P0AA39	RLUC_ECOLI	* P0A9X9	P0AA39	cspa_ecoli	rluc_ecoli
P0AA39	RLUC_ECOLI	* P0A9Y6	P0AA39	cspc_ecoli	rluc_ecoli
P0AA39	RLUC_ECOLI	* P0A968	P0AA39	cspd_ecoli	rluc_ecoli
P0AA39	RLUC_ECOLI	* P32716	P0AA39	mdtn_ecoli	rluc_ecoli
P0AA39	RLUC_ECOLI	* P75794	P0AA39	pfle_ecoli	rluc_ecoli
P0AA39	RLUC_ECOLI	* P21499	P0AA39	rnr_ecoli	rluc_ecoli
P0AA39	RLUC_ECOLI	* P0A776	P0AA39	rpph_ecoli	rluc_ecoli
P0AA39	RLUC_ECOLI	* P37903	P0AA39	uspf_ecoli	rluc_ecoli
P0AA39	RLUC_ECOLI	* P0AAS7	P0AA39	ybcj_ecoli	rluc_ecoli
P0AA39	RLUC_ECOLI	* P0AGJ5	P0AA39	yfif_ecoli	rluc_ecoli
P0AA39	RLUC_ECOLI	* P0AGK4	P0AA39	yhby_ecoli	rluc_ecoli
P0AFW2	RMF_ECOLI	none			
P37744	RMLA1_ECOLI	* P0ABBO	P37744	atpa_ecoli	rmla1_ecoli
P37744	RMLA1_ECOLI	* P36561	P37744	cobs_ecoli	rmla1_ecoli
P37744	RMLA1_ECOLI	* P37760	P37744	rml_d_ecoli	rmla1_ecoli
P55253	RMLA3_ECOLX	none			
P37759	RMLB1_ECOLI	* P0A6H1	P37759	clpx_ecoli	rmlb1_ecoli
P27830	RMLB2_ECOLI	none			
P37745	RMLC_ECOLI	none			
P30850	RNB_ECOLI	* P10151	P30850	leuo_ecoli	rnb_ecoli
P30850	RNB_ECOLI	* P0A7Y0	P30850	rnc_ecoli	rnb_ecoli
P30850	RNB_ECOLI	* P77286	P30850	ydeu_ecoli	rnb_ecoli
P09155	RND_ECOLI	none			
P21513	RNE_ECOLI	* P0A6Y8	P21513	dnak_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P0A6P9	P21513	eno_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P0A6P9	P21513	eno_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P0A6P9	P21513	eno_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P0A6P9	P21513	eno_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P0A6X3	P21513	hfq_ecoli	rne_ecoli

P21513	RNE_ECOLI	* A8A6G7	P21513	oxaa_ecohs	rne_ecoli
P21513	RNE_ECOLI	* P0A799	P21513	pgk_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P05055	P21513	pnp_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P05055	P21513	pnp_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P05055	P21513	pnp_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P15639	P21513	pur9_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P0A8J8	P21513	rhlb_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P0A8J8	P21513	rhlb_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P0A8J8	P21513	rhlb_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P0A8J8	P21513	rhlb_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P0A8J8	P21513	rhlb_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P36979	P21513	rlmn_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P04968	P21513	thd1_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P23003	P21513	trma_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P0AAS7	P21513	ybcj_ecoli	rne_ecoli
P21513	RNE_ECOLI	* P0AD05	P21513	yeca_ecoli	rne_ecoli
P0A9J0	RNG_ECOLI	* P0A6X3	P0A9J0	hfq_ecoli	rng_ecoli
P0A9J0	RNG_ECOLI	* P0A707	P0A9J0	if3_ecoli	rng_ecoli
P0A9J0	RNG_ECOLI	* P77286	P0A9J0	ydeu_ecoli	rng_ecoli
P21338	RNI_ECOLI	* P0AEH5	P21338	elab_ecoli	rni_ecoli
P21499	RNR_ECOLI	* P0A9Y6	P21499	cspc_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P0A968	P21499	cspd_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P0A972	P21499	cspe_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P0A9P6	P21499	dead_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P0A9P6	P21499	dead_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P0A6X3	P21499	hfq_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P0A6X3	P21499	hfq_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P0A9K3	P21499	phol_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P60723	P21499	rl4_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P36979	P21499	rlmn_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P36979	P21499	rlmn_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P37765	P21499	rlub_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P37765	P21499	rlub_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P0AA39	P21499	rluc_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P0AA39	P21499	rluc_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P21513	P21499	rne_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P0A776	P21499	rpph_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P14081	P21499	selb_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P0AEU7	P21499	skp_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P0AAS7	P21499	ybcj_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P0AAS7	P21499	ybcj_ecoli	rnr_ecoli
P21499	RNR_ECOLI	* P75829	P21499	ybjx_ecoli	rnr_ecoli

P21499	RNR_ECOLI	* P0AGJ5	P21499	yfif_ecoli	rnr_ecoli
P0ACIO	ROB_ECOLI	* P10805	P0ACIO	envy_ecoli	rob_ecoli
P0ACIO	ROB_ECOLI	* P0A6X3	P0ACIO	hfq_ecoli	rob_ecoli
P0ACIO	ROB_ECOLI	* P06612	P0ACIO	top1_ecoli	rob_ecoli
P0ACIO	ROB_ECOLI	* P77721	P0ACIO	ydjf_ecoli	rob_ecoli
P0ACIO	ROB_ECOLI	* P76464	P0ACIO	yfas_ecoli	rob_ecoli
P0ACIO	ROB_ECOLI	* P76513	P0ACIO	yfdq_ecoli	rob_ecoli
P0A7Z0	RPIA_ECOLI	none			
P0A7Z4	RPOA_ECOLI	* P0AE60	P0A7Z4	ceda_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0AE60	P0A7Z4	ceda_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0ABQ0	P0A7Z4	coabc_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0A9X9	P0A7Z4	cspa_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0ACF0	P0A7Z4	dbha_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0ACF4	P0A7Z4	dbhb_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P00582	P0A7Z4	dpo1_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P00582	P0A7Z4	dpo1_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0AC73	P0A7Z4	ebgc_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P23484	P0A7Z4	feci_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0AEM6	P0A7Z4	flia_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0A9B2	P0A7Z4	g3p1_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P05852	P0A7Z4	gcp_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0A6W5	P0A7Z4	grea_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P30128	P0A7Z4	greb_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0A6X3	P0A7Z4	hfq_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P68739	P0A7Z4	nfi_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0AFF6	P0A7Z4	nusa_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0AFF6	P0A7Z4	nusa_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0AFG0	P0A7Z4	nusg_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0AFG0	P0A7Z4	nusg_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0AFG0	P0A7Z4	nusg_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P42641	P0A7Z4	obg_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P05055	P0A7Z4	pnf_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P60240	P0A7Z4	rapa_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P69407	P0A7Z4	rscb_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P07012	P0A7Z4	rf2_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0AGB3	P0A7Z4	rp32_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0AGB3	P0A7Z4	rp32_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P24255	P0A7Z4	rp54_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P24255	P0A7Z4	rp54_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P24255	P0A7Z4	rp54_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0A8V2	P0A7Z4	rpob_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	* P0A8V2	P0A7Z4	rpob_ecoli	rpoa_ecoli

P0A7Z4	RPOA_ECOLI	*	P0A8T7	P0A7Z4	rpoc_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P0A8T7	P0A7Z4	rpoc_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P0A8T7	P0A7Z4	rpoc_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P0A8T7	P0A7Z4	rpoc_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P0A8T7	P0A7Z4	rpoc_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P00579	P0A7Z4	rpod_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P00579	P0A7Z4	rpod_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P13445	P0A7Z4	rpos_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P0A800	P0A7Z4	rpoz_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P28043	P0A7Z4	ssb2_ecolx	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P0ACA3	P0A7Z4	sspa_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P06612	P0A7Z4	top1_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P0A858	P0A7Z4	tpis_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P08390	P0A7Z4	usg_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P0A8E5	P0A7Z4	yacl_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P0A8E5	P0A7Z4	yacl_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P0AAS7	P0A7Z4	ybcj_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	P36928	P0A7Z4	yegd_ecoli	rpoa_ecoli
P0A7Z4	RPOA_ECOLI	*	Q46906	P0A7Z4	ygcp_ecoli	rpoa_ecoli
P0A8V2	RPOB_ECOLI	*	P31441	P0A8V2	adec_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P0AE60	P0A8V2	ceda_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P0AE60	P0A8V2	ceda_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P0ABH9	P0A8V2	clpa_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P0A9X9	P0A8V2	cspa_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P0A972	P0A8V2	cspe_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P37195	P0A8V2	dctr_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P0AEE8	P0A8V2	dma_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P00582	P0A8V2	dpo1_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P37313	P0A8V2	dppf_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P0ABU5	P0A8V2	elbb_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P0A6Q3	P0A8V2	faba_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P23484	P0A8V2	feci_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P0AEM0	P0A8V2	fkbx_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P0AEM6	P0A8V2	flia_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P0A9B2	P0A8V2	g3p1_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P05852	P0A8V2	gcp_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P33195	P0A8V2	gcsp_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P0A9Z1	P0A8V2	glnb_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P0A6W5	P0A8V2	grea_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P30128	P0A8V2	greb_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P0A6X3	P0A8V2	hfq_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P0ACF8	P0A8V2	hns_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P77319	P0A8V2	hsccl_ecoli	rpob_ecoli
P0A8V2	RPOB_ECOLI	*	P0C054	P0A8V2	ibpa_ecoli	rpob_ecoli

POA8V2	RPOB_ECOLI	* P0A9H3	POA8V2	ldci_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A9X4	POA8V2	mreb_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* Q46877	POA8V2	norv_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0AFF6	POA8V2	nusa_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0AFF6	POA8V2	nusa_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0AFF6	POA8V2	nusa_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0AFG0	POA8V2	nusg_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0AFG0	POA8V2	nusg_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P23869	POA8V2	ppib_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A7E5	POA8V2	pyrg_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P60240	POA8V2	rapa_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P25888	POA8V2	rhle_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0AA39	POA8V2	rluc_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0AA39	POA8V2	rluc_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0AGB3	POA8V2	rp32_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0AGB3	POA8V2	rp32_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P24255	POA8V2	rp54_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P24255	POA8V2	rp54_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P24255	POA8V2	rp54_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A7Z4	POA8V2	rpoa_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A7Z4	POA8V2	rpoa_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A7Z4	POA8V2	rpoa_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A7Z4	POA8V2	rpoa_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A8T7	POA8V2	rpoc_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A8T7	POA8V2	rpoc_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A8T7	POA8V2	rpoc_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A8T7	POA8V2	rpoc_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P00579	POA8V2	rpod_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P00579	POA8V2	rpod_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P00579	POA8V2	rpod_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0AGB6	POA8V2	rpoe_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P13445	POA8V2	rpos_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A800	POA8V2	rpoz_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A800	POA8V2	rpoz_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A800	POA8V2	rpoz_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A828	POA8V2	smg_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P28043	POA8V2	ssb2_ecolx	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0ACA3	POA8V2	sspa_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A8N5	POA8V2	syk2_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A847	POA8V2	tgt_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A850	POA8V2	tig_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P06612	POA8V2	top1_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A890	POA8V2	tusa_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P08390	POA8V2	usg_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P39177	POA8V2	uspg_ecoli	rpob_ecoli

POA8V2	RPOB_ECOLI	* P03018	POA8V2	uvrd_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P71242	POA8V2	wcak_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A8E5	POA8V2	yacl_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A8E5	POA8V2	yacl_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P0A8J4	POA8V2	ybed_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P75767	POA8V2	ybhk_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P37757	POA8V2	ydde_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P36928	POA8V2	yegd_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P52119	POA8V2	yfjf_ecoli	rpob_ecoli
POA8V2	RPOB_ECOLI	* P23839	POA8V2	yicc_ecoli	rpob_ecoli
POA8T7	RPOC_ECOLI	* P36659	POA8T7	cbpa_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0AE60	POA8T7	ceda_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0AE60	POA8T7	ceda_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A6F5	POA8T7	ch60_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A6G5	POA8T7	citx_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0ABH9	POA8T7	clpa_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A6G7	POA8T7	clpp_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A9X9	POA8T7	cspa_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A972	POA8T7	cspe_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P37195	POA8T7	dctr_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0AEE8	POA8T7	dma_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P08622	POA8T7	dnaj_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P00582	POA8T7	dpo1_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P06710	POA8T7	dpo3x_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A6Q3	POA8T7	faba_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P13036	POA8T7	feca_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P23484	POA8T7	feci_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A6R3	POA8T7	fis_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0AEM0	POA8T7	fkbx_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0AEM6	POA8T7	flia_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A9B2	POA8T7	g3p1_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A6W5	POA8T7	grea_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P30128	POA8T7	greb_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A6X3	POA8T7	hfq_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0ACF8	POA8T7	hns_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P28632	POA8T7	hold_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A6L9	POA8T7	hscb_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A6Z3	POA8T7	htpg_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0C054	POA8T7	ibpa_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A6Y1	POA8T7	ihfb_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P69441	POA8T7	kad_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P21645	POA8T7	lpxd_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A9X4	POA8T7	mreb_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0AFF6	POA8T7	nusa_ecoli	rpoc_ecoli

POA8T7	RPOC_ECOLI	*	P0AFF6	POA8T7	nusa_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0AFF6	POA8T7	nusa_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0AFG0	POA8T7	nusg_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0AFG0	POA8T7	nusg_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0A7E5	POA8T7	pyrg_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P60240	POA8T7	rapa_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P60240	POA8T7	rapa_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P25888	POA8T7	rhle_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P60723	POA8T7	rl4_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P36979	POA8T7	rlmn_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0AA39	POA8T7	rluc_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0AA39	POA8T7	rluc_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0AGB3	POA8T7	rp32_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0AGB3	POA8T7	rp32_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P24255	POA8T7	rp54_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P24255	POA8T7	rp54_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0A7Z4	POA8T7	rpoa_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0A7Z4	POA8T7	rpoa_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0A7Z4	POA8T7	rpoa_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0A7Z4	POA8T7	rpoa_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0A8V2	POA8T7	rpob_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0A8V2	POA8T7	rpob_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0A8V2	POA8T7	rpob_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P00579	POA8T7	rpod_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P00579	POA8T7	rpod_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P00579	POA8T7	rpod_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P00579	POA8T7	rpod_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0AGB6	POA8T7	rpoe_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P13445	POA8T7	rpos_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0A800	POA8T7	rpoz_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0A800	POA8T7	rpoz_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0AFX4	POA8T7	rsd_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P16456	POA8T7	seld_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0A828	POA8T7	smg_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P21170	POA8T7	spea_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0AG24	POA8T7	spot_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P28043	POA8T7	ssb2_ecolx	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0ACA3	POA8T7	sspa_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P21889	POA8T7	syd_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0A8N5	POA8T7	syk2_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P04968	POA8T7	thd1_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P0A850	POA8T7	tig_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P06612	POA8T7	top1_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P06612	POA8T7	top1_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	*	P08390	POA8T7	usg_ecoli	rpoc_ecoli

POA8T7	RPOC_ECOLI	* P08390	POA8T7	usg_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P08390	POA8T7	usg_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P39177	POA8T7	uspg_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P75970	POA8T7	vxis_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P71242	POA8T7	wcak_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A8E5	POA8T7	yacl_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A8E5	POA8T7	yacl_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0AFP4	POA8T7	ybb0_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0AAS7	POA8T7	ybcj_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0A8J4	POA8T7	ybed_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P75829	POA8T7	ybjx_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P0AD05	POA8T7	yeca_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P36928	POA8T7	yegd_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* P52119	POA8T7	yfjf_ecoli	rpoc_ecoli
POA8T7	RPOC_ECOLI	* Q46906	POA8T7	ygcp_ecoli	rpoc_ecoli
P00579	RPOD_ECOLI	* P0AE60	P00579	ceda_ecoli	rpod_ecoli
P00579	RPOD_ECOLI	* P0AE60	P00579	ceda_ecoli	rpod_ecoli
P00579	RPOD_ECOLI	* P0A9B2	P00579	g3p1_ecoli	rpod_ecoli
P00579	RPOD_ECOLI	* P0AFF6	P00579	nusa_ecoli	rpod_ecoli
P00579	RPOD_ECOLI	* P0A7Z4	P00579	rpoa_ecoli	rpod_ecoli
P00579	RPOD_ECOLI	* P0A7Z4	P00579	rpoa_ecoli	rpod_ecoli
P00579	RPOD_ECOLI	* P0A7Z4	P00579	rpoa_ecoli	rpod_ecoli
P00579	RPOD_ECOLI	* P0A8V2	P00579	rpob_ecoli	rpod_ecoli
P00579	RPOD_ECOLI	* P0A8V2	P00579	rpob_ecoli	rpod_ecoli
P00579	RPOD_ECOLI	* P0A8T7	P00579	rpoc_ecoli	rpod_ecoli
P00579	RPOD_ECOLI	* P0A8T7	P00579	rpoc_ecoli	rpod_ecoli
P00579	RPOD_ECOLI	* P0A8T7	P00579	rpoc_ecoli	rpod_ecoli
P00579	RPOD_ECOLI	* P0A8T7	P00579	rpoc_ecoli	rpod_ecoli
P00579	RPOD_ECOLI	* P0A800	P00579	rpoz_ecoli	rpod_ecoli
P00579	RPOD_ECOLI	* P0A800	P00579	rpoz_ecoli	rpod_ecoli
P00579	RPOD_ECOLI	* P0AFX4	P00579	rsd_ecoli	rpod_ecoli
POA776	RPPH_ECOLI	none			
POA8R0	RRAA_ECOLI	* P29131	POA8R0	ftsn_ecoli	rreaa_ecoli
POA805	RRF_ECOLI	* Q47269	POA805	ybcn_ecoli	rpf_ecoli
P0AG67	RS1_ECOLI	* P36659	P0AG67	cbpa_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0ABH9	P0AG67	clpa_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0ABH9	P0AG67	clpa_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P63284	P0AG67	clpb_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0A9Y6	P0AG67	cspc_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0A9Y6	P0AG67	cspc_ecoli	rs1_ecoli

P0AG67	RS1_ECOLI	*	P0A968	P0AG67	cspd_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A972	P0AG67	cspe_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A9P6	P0AG67	dead_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A9P6	P0AG67	dead_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0ACK5	P0AG67	deor_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A6Y8	P0AG67	dnak_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P19636	P0AG67	eutc_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A6Q3	P0AG67	faba_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0AEK4	P0AG67	fabi_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A6Q6	P0AG67	fabz_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P52614	P0AG67	flik_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P15038	P0AG67	held_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A6X3	P0AG67	hfq_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A6X3	P0AG67	hfq_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0ABS8	P0AG67	hole_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P43329	P0AG67	hrpa_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0C054	P0AG67	ibpa_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P32053	P0AG67	inta_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P04951	P0AG67	kdsb_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P23331	P0AG67	kith_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P23367	P0AG67	mutl_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A9K3	P0AG67	phol_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P23862	P0AG67	pric_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P23830	P0AG67	pss_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A7E9	P0AG67	pyrh_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P25888	P0AG67	rhle_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P36979	P0AG67	rlmn_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P36979	P0AG67	rlmn_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P37765	P0AG67	rlub_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P37765	P0AG67	rlub_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0AA39	P0AG67	rluc_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A7Y8	P0AG67	rnpa_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P21499	P0AG67	rnr_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A7Z4	P0AG67	rpoa_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A8T7	P0AG67	rpoc_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P00579	P0AG67	rpod_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A776	P0AG67	rpph_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A776	P0AG67	rpph_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P39286	P0AG67	rsga_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A812	P0AG67	ruvb_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P14081	P0AG67	selb_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0AG24	P0AG67	spot_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P15082	P0AG67	srlr_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A832	P0AG67	ssrp_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	*	P0A832	P0AG67	ssrp_ecoli	rs1_ecoli

P0AG67	RS1_ECOLI	* P0A8M3	P0AG67	syt_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0A847	P0AG67	tgt_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0A850	P0AG67	tig_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0A850	P0AG67	tig_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P52097	P0AG67	tils_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0A8I5	P0AG67	trmb_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P00895	P0AG67	trpe_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P17993	P0AG67	ubig_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0A9W0	P0AG67	ular_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0A8G0	P0AG67	uvrc_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0A8E5	P0AG67	yacl_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0AAS7	P0AG67	ybcj_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0AAS7	P0AG67	ybcj_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P75829	P0AG67	ybjx_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P75829	P0AG67	ybjx_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0AAZ7	P0AG67	ycar_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0AB43	P0AG67	ycgl_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P76104	P0AG67	ydcg_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0ACY9	P0AG67	yebg_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P76594	P0AG67	yfiq_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P0AF67	P0AG67	yjee_ecoli	rs1_ecoli
P0AG67	RS1_ECOLI	* P75992	P0AG67	ymga_ecoli	rs1_ecoli

P0A7R5	RS10_ECOLI	* P0AE18	P0A7R5	ampm_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0ABH9	P0A7R5	clpa_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P63284	P0A7R5	clpb_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A6G7	P0A7R5	clpp_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0ACJ8	P0A7R5	crp_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A9X9	P0A7R5	cspa_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P36995	P0A7R5	cspb_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A9Y6	P0A7R5	cspc_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A968	P0A7R5	cspd_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A972	P0A7R5	cspe_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A9P6	P0A7R5	dead_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P03004	P0A7R5	dnaa_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P08622	P0A7R5	dnaj_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P08622	P0A7R5	dnaj_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0ABT2	P0A7R5	dps_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P33371	P0A7R5	dusc_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0AEK4	P0A7R5	fabi_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A6R3	P0A7R5	fis_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0AEM0	P0A7R5	fkbx_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P77609	P0A7R5	flxa_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A9R7	P0A7R5	ftse_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A9A6	P0A7R5	ftsz_ecoli	rs10_ecoli

POA7R5	RS10_ECOLI	* P05852	POA7R5	gcp_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P31120	POA7R5	glmm_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0A6W5	POA7R5	grea_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P69931	POA7R5	hda_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P28631	POA7R5	holb_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P28905	POA7R5	holc_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0ABS8	POA7R5	hole_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0A6Y5	POA7R5	hslo_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0ACG8	POA7R5	hslr_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0A6H5	POA7R5	hslu_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0A7A9	POA7R5	ipy_r_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P22939	POA7R5	ispa_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P62617	POA7R5	ispf_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0A715	POA7R5	kdsa_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0AC75	POA7R5	kdta_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0A9H3	POA7R5	ldci_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P60785	POA7R5	lepa_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P61316	POA7R5	lola_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0A722	POA7R5	lpxa_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P21645	POA7R5	lpxd_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0ACE0	POA7R5	mbhm_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P25522	POA7R5	mnme_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P22523	POA7R5	mukb_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P22523	POA7R5	mukb_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0A749	POA7R5	mura_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0A8D0	POA7R5	nrd_r_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0A780	POA7R5	nusb_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0A780	POA7R5	nusb_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0AFG0	POA7R5	nusg_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0AFG0	POA7R5	nusg_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0AFI2	POA7R5	parc_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0A7A7	POA7R5	plsb_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0A7D1	POA7R5	pth_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0A7E9	POA7R5	pyrh_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P77756	POA7R5	quec_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P69407	POA7R5	rcsb_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P0A8J8	POA7R5	rhlb_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P25888	POA7R5	rhle_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P45748	POA7R5	rimn_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P63177	POA7R5	rlmb_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P36979	POA7R5	rlmn_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P36979	POA7R5	rlmn_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P37765	POA7R5	rlub_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P37765	POA7R5	rlub_ecoli	rs10_ecoli
POA7R5	RS10_ECOLI	* P33643	POA7R5	rlud_ecoli	rs10_ecoli

P0A7R5	RS10_ECOLI	* P21513	P0A7R5	rne_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A7Y8	P0A7R5	rnpa_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A7Z4	P0A7R5	rpoa_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A8V2	P0A7R5	rpob_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A8V2	P0A7R5	rpob_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A8T7	P0A7R5	rpoc_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A800	P0A7R5	rpoz_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P39286	P0A7R5	rsga_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P60390	P0A7R5	rsmh_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0AA43	P0A7R5	rsua_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0AA43	P0A7R5	rsua_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A812	P0A7R5	ruvb_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0AG24	P0A7R5	spot_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P07813	P0A7R5	syl_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A8M3	P0A7R5	syt_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A850	P0A7R5	tig_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A9W0	P0A7R5	ular_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A8G0	P0A7R5	uvrc_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A8E5	P0A7R5	yacl_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0AAQ2	P0A7R5	yajd_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0AAR3	P0A7R5	ybak_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0AFP2	P0A7R5	ybaz_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0AB28	P0A7R5	yced_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A8Z0	P0A7R5	ycia_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P0A8L7	P0A7R5	yciu_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P39199	P0A7R5	yfcb_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P76578	P0A7R5	yfhm_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P76594	P0A7R5	yfiq_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P67080	P0A7R5	yggg_ecoli	rs10_ecoli
P0A7R5	RS10_ECOLI	* P56259	P0A7R5	yifn_ecoli	rs10_ecoli
P0A7R9	RS11_ECOLI	* P0A9P6	P0A7R9	dead_ecoli	rs11_ecoli
P0A7R9	RS11_ECOLI	* P0A715	P0A7R9	kdsa_ecoli	rs11_ecoli
P0A7R9	RS11_ECOLI	* P0A7Y8	P0A7R9	rnpa_ecoli	rs11_ecoli
P0A7R9	RS11_ECOLI	* P21499	P0A7R9	rnrc_ecoli	rs11_ecoli
P0A7R9	RS11_ECOLI	* P0AG24	P0A7R9	spot_ecoli	rs11_ecoli
P0A7R9	RS11_ECOLI	* P0A850	P0A7R9	tig_ecoli	rs11_ecoli
P0A7R9	RS11_ECOLI	* P0A8G0	P0A7R9	uvrc_ecoli	rs11_ecoli
P0A7R9	RS11_ECOLI	* P0A8E5	P0A7R9	yacl_ecoli	rs11_ecoli
P0A7R9	RS11_ECOLI	* P0AGJ5	P0A7R9	yfif_ecoli	rs11_ecoli
P0A7S3	RS12_ECOLI	* P33224	P0A7S3	aidb_ecoli	rs12_ecoli
P0A7S3	RS12_ECOLI	* P0ACN4	P0A7S3	allr_ecoli	rs12_ecoli
P0A7S3	RS12_ECOLI	* Q06065	P0A7S3	atoc_ecoli	rs12_ecoli
P0A7S3	RS12_ECOLI	* P0AEM0	P0A7S3	fbxb_ecoli	rs12_ecoli

P0A7S3	RS12_ECOLI	* P0A6Y5	P0A7S3	hslo_ecoli	rs12_ecoli
P0A7S3	RS12_ECOLI	* P76086	P0A7S3	paax_ecoli	rs12_ecoli
P0A7S3	RS12_ECOLI	* P0AFW4	P0A7S3	rnk_ecoli	rs12_ecoli
P0A7S3	RS12_ECOLI	* P09158	P0A7S3	spee_ecoli	rs12_ecoli
P0A7S3	RS12_ECOLI	* P0AG24	P0A7S3	spot_ecoli	rs12_ecoli
P0A7S3	RS12_ECOLI	* P0A847	P0A7S3	tgt_ecoli	rs12_ecoli
P0A7S3	RS12_ECOLI	* P0A9W0	P0A7S3	ular_ecoli	rs12_ecoli
P0A7S3	RS12_ECOLI	* P0A8G0	P0A7S3	uvrc_ecoli	rs12_ecoli
P0A7S3	RS12_ECOLI	* P36682	P0A7S3	yach_ecoli	rs12_ecoli
P0A7S3	RS12_ECOLI	* P0A8E5	P0A7S3	yacl_ecoli	rs12_ecoli
P0A7S3	RS12_ECOLI	* P0A8E5	P0A7S3	yacl_ecoli	rs12_ecoli
P0A7S3	RS12_ECOLI	* P0AGJ5	P0A7S3	yfif_ecoli	rs12_ecoli
P0A7S9	RS13_ECOLI	* P31119	P0A7S9	aas_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A6A8	P0A7S9	acp_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P22333	P0A7S9	add_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0ACN4	P0A7S9	allr_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P36659	P0A7S9	cbpa_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P31469	P0A7S9	cbrc_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P36995	P0A7S9	cspb_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A9Y6	P0A7S9	cspc_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A9Y6	P0A7S9	cspc_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A968	P0A7S9	cspd_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A978	P0A7S9	cspg_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A986	P0A7S9	cspi_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0ACF4	P0A7S9	dbhb_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A9P6	P0A7S9	dead_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A9P6	P0A7S9	dead_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0AEE8	P0A7S9	dma_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P03004	P0A7S9	dnaa_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P08622	P0A7S9	dnaj_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P06616	P0A7S9	era_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A6Q3	P0A7S9	faba_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A6R3	P0A7S9	fis_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P26608	P0A7S9	flis_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P23882	P0A7S9	fmt_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P39829	P0A7S9	gard_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A6X3	P0A7S9	hfq_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A6X3	P0A7S9	hfq_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P43329	P0A7S9	hrpa_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A7B8	P0A7S9	hslv_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P16528	P0A7S9	iclr_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A6Y1	P0A7S9	ihfb_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P27294	P0A7S9	inaa_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P32053	P0A7S9	inta_ecoli	rs13_ecoli

P0A7S9	RS13_ECOLI	* P0A715	P0A7S9	kdsa_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P21645	P0A7S9	lpxd_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P77791	P0A7S9	maa_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P30958	P0A7S9	mfd_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P24205	P0A7S9	msbb_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P76346	P0A7S9	mtfa_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P17802	P0A7S9	muty_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P27896	P0A7S9	narq_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P68739	P0A7S9	nfi_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P75960	P0A7S9	npd_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0AFI7	P0A7S9	pdxh_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A9K3	P0A7S9	phol_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P05055	P0A7S9	pnp_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P05055	P0A7S9	pnp_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P23830	P0A7S9	pss_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P76062	P0A7S9	racr_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P69405	P0A7S9	rca_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P24230	P0A7S9	recg_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0AG20	P0A7S9	rela_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P24173	P0A7S9	rfac_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0ADR6	P0A7S9	rlmm_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P37765	P0A7S9	rlub_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0AA39	P0A7S9	rluc_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0AA39	P0A7S9	rluc_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0AA39	P0A7S9	rluc_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A9J0	P0A7S9	rng_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A7Y8	P0A7S9	rnpa_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A7Y8	P0A7S9	rnpa_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P21499	P0A7S9	rnrc_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P21499	P0A7S9	rnrc_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A7Z4	P0A7S9	rpoa_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A8T7	P0A7S9	rpoc_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A800	P0A7S9	rpoz_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A776	P0A7S9	rpph_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A776	P0A7S9	rpph_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P39286	P0A7S9	rsga_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P39406	P0A7S9	rsmc_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0AA43	P0A7S9	rsua_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0ACU2	P0A7S9	rutr_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0AEU7	P0A7S9	skp_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P00960	P0A7S9	syga_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A8M3	P0A7S9	syt_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A8I5	P0A7S9	trmb_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P17993	P0A7S9	ubig_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A9W0	P0A7S9	ular_ecoli	rs13_ecoli

P0A7S9	RS13_ECOLI	* P0A9W0	P0A7S9	ular_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P46888	P0A7S9	uspc_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P37903	P0A7S9	uspf_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A8G0	P0A7S9	uvrc_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A8G0	P0A7S9	uvrc_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0AED5	P0A7S9	uvry_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P71237	P0A7S9	wcac_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P71242	P0A7S9	wcak_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0AAB2	P0A7S9	wzb_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A8E5	P0A7S9	yacl_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P75829	P0A7S9	ybjx_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0AB06	P0A7S9	ycbk_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0ACX9	P0A7S9	ydie_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0AD05	P0A7S9	yeca_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0A959	P0A7S9	yfbq_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P77775	P0A7S9	yfch_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0AGJ5	P0A7S9	yfif_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P0AGJ5	P0A7S9	yfif_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P76594	P0A7S9	yfiq_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P09996	P0A7S9	yidb_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P32162	P0A7S9	yiis_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P39407	P0A7S9	yjju_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P76148	P0A7S9	yneg_ecoli	rs13_ecoli
P0A7S9	RS13_ECOLI	* P76280	P0A7S9	yobb_ecoli	rs13_ecoli
P0AG59	RS14_ECOLI	* P33224	P0AG59	aidb_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0ACN4	P0AG59	allr_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P06709	P0AG59	bira_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0ABH9	P0AG59	clpa_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P63284	P0AG59	clpb_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A9X9	P0AG59	cspa_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A9Y6	P0AG59	cspc_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A968	P0AG59	cspd_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0AED9	P0AG59	dcm_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A9P6	P0AG59	dead_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P03004	P0AG59	dnaa_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P08622	P0AG59	dnaj_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0ADH5	P0AG59	fimb_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0AEM0	P0AG59	fbkx_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P28905	P0AG59	holc_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A6L9	P0AG59	hscb_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P16528	P0AG59	iclr_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P32053	P0AG59	inta_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A7A9	P0AG59	ipyr_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A715	P0AG59	kdsa_ecoli	rs14_ecoli

P0AG59	RS14_ECOLI	* P0ACE0	P0AG59	mbhm_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0ABU0	P0AG59	menb_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P25522	P0AG59	mnme_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P33937	P0AG59	napa_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P68739	P0AG59	nfi_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P75960	P0AG59	npd_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P75960	P0AG59	npd_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0AFG0	P0AG59	nusg_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A799	P0AG59	pgk_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A9K3	P0AG59	phol_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P23830	P0AG59	pss_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P69405	P0AG59	rca_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P15043	P0AG59	recq_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P36979	P0AG59	rlmn_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P37765	P0AG59	rlub_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0AA39	P0AG59	rluc_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A7Y4	P0AG59	rnh_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0AFW4	P0AG59	rnk_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A7Y8	P0AG59	rnpa_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P21499	P0AG59	rnrc_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A7Z4	P0AG59	rpoa_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A8V2	P0AG59	rpob_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P39286	P0AG59	rsga_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0AG24	P0AG59	spot_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A832	P0AG59	ssrp_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0ABZ6	P0AG59	sura_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A8M3	P0AG59	syt_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A847	P0AG59	tgt_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A850	P0AG59	tig_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A9W0	P0AG59	ular_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A8G0	P0AG59	uvrc_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P03018	P0AG59	uvrd_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A8E5	P0AG59	yacl_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P76104	P0AG59	ydcp_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A8A0	P0AG59	yebc_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0AD05	P0AG59	yeca_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0AGJ5	P0AG59	yfif_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P76594	P0AG59	yfiq_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0A894	P0AG59	yhbj_ecoli	rs14_ecoli
P0AG59	RS14_ECOLI	* P0ADK8	P0AG59	yibl_ecoli	rs14_ecoli
P0ADZ4	RS15_ECOLI	* P0ACN4	P0ADZ4	allr_ecoli	rs15_ecoli
P0ADZ4	RS15_ECOLI	* P0AE60	P0ADZ4	ceda_ecoli	rs15_ecoli
P0ADZ4	RS15_ECOLI	* P0A9P6	P0ADZ4	dead_ecoli	rs15_ecoli
P0ADZ4	RS15_ECOLI	* P63228	P0ADZ4	gmhb_ecoli	rs15_ecoli

P0ADZ4	RS15_ECOLI	* P0AET8	P0ADZ4	hdha_ecoli	rs15_ecoli
P0ADZ4	RS15_ECOLI	* P68739	P0ADZ4	nfi_ecoli	rs15_ecoli
P0ADZ4	RS15_ECOLI	* P05055	P0ADZ4	pnp_ecoli	rs15_ecoli
P0ADZ4	RS15_ECOLI	* P0A9J0	P0ADZ4	rng_ecoli	rs15_ecoli
P0ADZ4	RS15_ECOLI	* P0A7Y8	P0ADZ4	rnpa_ecoli	rs15_ecoli
P0ADZ4	RS15_ECOLI	* P21499	P0ADZ4	rnrc_ecoli	rs15_ecoli
P0ADZ4	RS15_ECOLI	* P0A7Z4	P0ADZ4	rpoa_ecoli	rs15_ecoli
P0ADZ4	RS15_ECOLI	* P0A8G0	P0ADZ4	uvrc_ecoli	rs15_ecoli
P0ADZ4	RS15_ECOLI	* P76164	P0ADZ4	ydfw_ecoli	rs15_ecoli
P0ADZ4	RS15_ECOLI	* P0AGJ5	P0ADZ4	yfif_ecoli	rs15_ecoli
P0ADZ4	RS15_ECOLI	* P67701	P0ADZ4	ygjm_ecoli	rs15_ecoli
P0A7T3	RS16_ECOLI	* P0AE18	P0A7T3	ampm_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P36659	P0A7T3	cbpa_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0ABH9	P0A7T3	clpa_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0A6G7	P0A7T3	clpp_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0A972	P0A7T3	cspe_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0A9P6	P0A7T3	dead_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0ADH5	P0A7T3	fimb_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0A9R7	P0A7T3	ftse_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0A6X3	P0A7T3	hfq_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P28631	P0A7T3	holb_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0ABS8	P0A7T3	hole_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0A7B8	P0A7T3	hslv_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P32053	P0A7T3	inta_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P21645	P0A7T3	lpxd_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P22523	P0A7T3	mukb_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0AFG0	P0A7T3	nusg_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0A9K3	P0A7T3	phol_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0A7E9	P0A7T3	pyrh_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P31473	P0A7T3	rava_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P21893	P0A7T3	recj_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0A8J8	P0A7T3	rhlb_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P45748	P0A7T3	rimn_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P36979	P0A7T3	rlmn_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P37765	P0A7T3	rlub_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0AA39	P0A7T3	rluc_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P21513	P0A7T3	rne_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0A7Y8	P0A7T3	rnpa_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P21499	P0A7T3	rnrc_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P21499	P0A7T3	rnrc_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0A7Z4	P0A7T3	rpoa_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0A8T7	P0A7T3	rpoc_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P39286	P0A7T3	rsga_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0AA43	P0A7T3	rsua_ecoli	rs16_ecoli

P0A7T3	RS16_ECOLI	* P0AG24	P0A7T3	spot_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P00960	P0A7T3	syga_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P07813	P0A7T3	syl_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0A8I5	P0A7T3	trmb_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P0AGJ5	P0A7T3	yfif_ecoli	rs16_ecoli
P0A7T3	RS16_ECOLI	* P23839	P0A7T3	yicc_ecoli	rs16_ecoli
P0AG63	RS17_ECOLI	none			
P0A7T7	RS18_ECOLI	* P0A9P6	P0A7T7	dead_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P0A6Q3	P0A7T7	faba_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P0ADH5	P0A7T7	fimb_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P0A6X3	P0A7T7	hfq_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P21645	P0A7T7	lpxd_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P21645	P0A7T7	lpxd_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P68739	P0A7T7	nfi_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P05055	P0A7T7	pnp_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P25888	P0A7T7	rhle_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P36979	P0A7T7	rlmn_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P37765	P0A7T7	rlub_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P0AA39	P0A7T7	rluc_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P0A7Y8	P0A7T7	rnpa_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P21499	P0A7T7	rnrc_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P0A776	P0A7T7	rpph_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P0AG24	P0A7T7	spot_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P0A8G0	P0A7T7	uvrc_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P77634	P0A7T7	ybcm_ecoli	rs18_ecoli
P0A7T7	RS18_ECOLI	* P0AGJ5	P0A7T7	yfif_ecoli	rs18_ecoli
P0A7U3	RS19_ECOLI	* P33224	P0A7U3	aidb_ecoli	rs19_ecoli
P0A7U3	RS19_ECOLI	* P07363	P0A7U3	chea_ecoli	rs19_ecoli
P0A7U3	RS19_ECOLI	* P0A9P6	P0A7U3	dead_ecoli	rs19_ecoli
P0A7U3	RS19_ECOLI	* P0AES4	P0A7U3	gyra_ecoli	rs19_ecoli
P0A7U3	RS19_ECOLI	* P43329	P0A7U3	hrpa_ecoli	rs19_ecoli
P0A7U3	RS19_ECOLI	* P0A6Y1	P0A7U3	ihfb_ecoli	rs19_ecoli
P0A7U3	RS19_ECOLI	* P37590	P0A7U3	pmrd_ecoli	rs19_ecoli
P0A7U3	RS19_ECOLI	* P05055	P0A7U3	pnp_ecoli	rs19_ecoli
P0A7U3	RS19_ECOLI	* P0A8J8	P0A7U3	rhlb_ecoli	rs19_ecoli
P0A7U3	RS19_ECOLI	* P0A9J0	P0A7U3	rng_ecoli	rs19_ecoli
P0A7U3	RS19_ECOLI	* P0A7Z4	P0A7U3	rpoa_ecoli	rs19_ecoli
P0A7U3	RS19_ECOLI	* P0A776	P0A7U3	rpph_ecoli	rs19_ecoli
P0A7U3	RS19_ECOLI	* P0A850	P0A7U3	tig_ecoli	rs19_ecoli
P0A7U3	RS19_ECOLI	* P0A9W0	P0A7U3	ular_ecoli	rs19_ecoli
P0A7U3	RS19_ECOLI	* P0A8G0	P0A7U3	uvrc_ecoli	rs19_ecoli
P0A7U3	RS19_ECOLI	* P75829	P0A7U3	ybjx_ecoli	rs19_ecoli

P0A7U3	RS19_ECOLI	* P0AGJ5	P0A7U3	yfif_ecoli	rs19_ecoli
P0A7U3	RS19_ECOLI	* P76594	P0A7U3	yfiq_ecoli	rs19_ecoli
P0A7V0	RS2_ECOLI	* P0A9Q7	P0A7V0	adhe_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P33224	P0A7V0	aidb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0AB71	P0A7V0	alf_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0AE18	P0A7V0	ampm_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ABB4	P0A7V0	atpb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P06610	P0A7V0	btue_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A9H5	P0A7V0	btur_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P36659	P0A7V0	cbpa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P36659	P0A7V0	cbpa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P06961	P0A7V0	cca_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A964	P0A7V0	chew_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0AE67	P0A7V0	chey_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ABH9	P0A7V0	clpa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ABH9	P0A7V0	clpa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P63284	P0A7V0	clpb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A6G7	P0A7V0	clpp_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P36995	P0A7V0	cspb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A9Y6	P0A7V0	cspc_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A9Y6	P0A7V0	cspc_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A968	P0A7V0	cspd_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A968	P0A7V0	cspd_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A978	P0A7V0	cspg_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P69488	P0A7V0	cuta_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P37195	P0A7V0	dctr_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A9P6	P0A7V0	dead_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A9P6	P0A7V0	dead_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A6P5	P0A7V0	der_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P76250	P0A7V0	dmlr_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P03004	P0A7V0	dnaa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P03004	P0A7V0	dnaa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ACB0	P0A7V0	dnab_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ACB0	P0A7V0	dnab_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P08622	P0A7V0	dnaj_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A6Y8	P0A7V0	dnak_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A6Y8	P0A7V0	dnak_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P15042	P0A7V0	dnlj_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0AEG4	P0A7V0	dsba_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P33371	P0A7V0	dusc_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ADF6	P0A7V0	edd_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P06616	P0A7V0	era_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ACC3	P0A7V0	erpa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A6Q3	P0A7V0	faba_ecoli	rs2_ecoli

P0A7V0	RS2_ECOLI	* P0A6Q6	P0A7V0	fabz_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P32177	P0A7V0	fdhd_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A6R3	P0A7V0	fis_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0AEM0	P0A7V0	fkbx_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P61949	P0A7V0	flav_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P33235	P0A7V0	flgk_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P31068	P0A7V0	flih_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ABX8	P0A7V0	flii_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P32153	P0A7V0	frvx_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ABH0	P0A7V0	ftsa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A9R7	P0A7V0	ftse_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A9A6	P0A7V0	ftsz_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A9S3	P0A7V0	gatd_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P31120	P0A7V0	glmm_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ACC7	P0A7V0	glmu_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A9Z1	P0A7V0	glnb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A6W5	P0A7V0	grea_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P30128	P0A7V0	greb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P09372	P0A7V0	grpe_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0AES4	P0A7V0	gyra_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0AES4	P0A7V0	gyra_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0AES6	P0A7V0	gyrb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P69931	P0A7V0	hda_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A6X3	P0A7V0	hfq_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A6X3	P0A7V0	hfq_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ACF8	P0A7V0	hns_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ACF8	P0A7V0	hns_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P28905	P0A7V0	holc_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ABS8	P0A7V0	hole_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P43329	P0A7V0	hrpa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A6L9	P0A7V0	hscb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P77319	P0A7V0	hscd_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P77319	P0A7V0	hscd_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A6Y5	P0A7V0	hslo_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ACG8	P0A7V0	hslr_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ACG8	P0A7V0	hslr_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A6H5	P0A7V0	hslu_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0C054	P0A7V0	ibpa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P16528	P0A7V0	iclr_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A6X7	P0A7V0	ihfa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P08142	P0A7V0	ilvb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A7A9	P0A7V0	ipyr_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P22939	P0A7V0	ispa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A715	P0A7V0	kdsa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0AC75	P0A7V0	kdta_ecoli	rs2_ecoli

P0A7V0	RS2_ECOLI	* P0A9H3	P0A7V0	ldci_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P60785	P0A7V0	lepa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P33232	P0A7V0	lidd_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A9M0	P0A7V0	lon_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A722	P0A7V0	lpxa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P10441	P0A7V0	lpxb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P21645	P0A7V0	lpxd_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P21645	P0A7V0	lpxd_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ACE0	P0A7V0	mbhm_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ACE0	P0A7V0	mbhm_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P18196	P0A7V0	minc_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0ADV7	P0A7V0	mlac_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P25522	P0A7V0	mnme_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P25522	P0A7V0	mnme_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P25738	P0A7V0	msyb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P22523	P0A7V0	mukb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P22523	P0A7V0	mukb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A749	P0A7V0	mura_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P17952	P0A7V0	murc_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P22188	P0A7V0	mure_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P17443	P0A7V0	murg_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P22634	P0A7V0	muri_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A9I5	P0A7V0	napd_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A780	P0A7V0	nusb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0AFG0	P0A7V0	nusg_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0AFI2	P0A7V0	parc_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P20083	P0A7V0	pare_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A9K3	P0A7V0	phol_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A9K3	P0A7V0	phol_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A7A7	P0A7V0	plsb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P18133	P0A7V0	pncb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A8T1	P0A7V0	prma_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P23830	P0A7V0	pss_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A7D1	P0A7V0	pth_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A7D1	P0A7V0	pth_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A7E9	P0A7V0	pyrh_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P31473	P0A7V0	rava_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P69405	P0A7V0	rca_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P15032	P0A7V0	rece_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P09377	P0A7V0	rhas_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0AG30	P0A7V0	rho_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P25539	P0A7V0	ribd_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P45748	P0A7V0	rimn_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P63177	P0A7V0	rlmb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0C0R7	P0A7V0	rlme_ecoli	rs2_ecoli

P0A7V0	RS2_ECOLI	* P0A8I8	P0A7V0	rlmh_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P36979	P0A7V0	rlmn_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P36979	P0A7V0	rlmn_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P37765	P0A7V0	rlub_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0AA39	P0A7V0	rluc_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0AA39	P0A7V0	rluc_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P21513	P0A7V0	rne_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A9J0	P0A7V0	rng_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A7Y8	P0A7V0	rnpa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A7Y8	P0A7V0	rnpa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P21499	P0A7V0	rnrc_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P21499	P0A7V0	rnrc_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A7Z4	P0A7V0	rpoa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P00579	P0A7V0	rpod_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P00579	P0A7V0	rpod_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P13445	P0A7V0	rpos_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A800	P0A7V0	rpoz_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A776	P0A7V0	rppe_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A776	P0A7V0	rppe_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P39286	P0A7V0	rsga_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A6U5	P0A7V0	rsmg_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0AA43	P0A7V0	rsua_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P38035	P0A7V0	rtrc_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A812	P0A7V0	ruvb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P10408	P0A7V0	seca_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A828	P0A7V0	smg_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P21170	P0A7V0	spea_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0AG24	P0A7V0	spot_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P15082	P0A7V0	srlr_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P21507	P0A7V0	srmb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A832	P0A7V0	ssrp_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A832	P0A7V0	ssrp_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P00957	P0A7V0	sya_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P07395	P0A7V0	syfb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P00960	P0A7V0	syga_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P07813	P0A7V0	syl_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A8M3	P0A7V0	syt_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P00954	P0A7V0	syw_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A850	P0A7V0	tig_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A850	P0A7V0	tig_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A858	P0A7V0	tpis_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A8I5	P0A7V0	trmb_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P00895	P0A7V0	trpe_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A9W0	P0A7V0	ular_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	* P0A8G0	P0A7V0	uvrc_ecoli	rs2_ecoli

P0A7V0	RS2_ECOLI	*	P03018	P0A7V0	uvrd_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P38506	P0A7V0	xni_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P0A8E5	P0A7V0	yacl_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	Q47158	P0A7V0	yafp_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P0AAR3	P0A7V0	ybak_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P0AFP2	P0A7V0	ybaz_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P0AAS7	P0A7V0	ybcj_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P0AAS7	P0A7V0	ybcj_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P75767	P0A7V0	ybhk_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P75829	P0A7V0	ybjx_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P75829	P0A7V0	ybjx_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P0AB43	P0A7V0	ycgl_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P76012	P0A7V0	ycgy_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P37052	P0A7V0	ychj_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P77333	P0A7V0	ycjz_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P77552	P0A7V0	ydhq_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P64479	P0A7V0	ydiz_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P76270	P0A7V0	yebr_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P0AD05	P0A7V0	yeca_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P45508	P0A7V0	yfal_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P76578	P0A7V0	yfhm_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P76594	P0A7V0	yfiq_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P0AC28	P0A7V0	ygfa_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P52062	P0A7V0	yggw_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P45472	P0A7V0	yhbq_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P0AGK4	P0A7V0	yhby_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P0ADK6	P0A7V0	yiba_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P0ADK8	P0A7V0	yibl_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P23839	P0A7V0	yicc_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P32162	P0A7V0	yiis_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P0AF67	P0A7V0	yjee_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P39279	P0A7V0	yjej_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P0ACV8	P0A7V0	ymja_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P65367	P0A7V0	yqca_ecoli	rs2_ecoli
P0A7V0	RS2_ECOLI	*	P0A8W5	P0A7V0	yqge_ecoli	rs2_ecoli
P0A7U7	RS20_ECOLI	*	P33224	P0A7U7	aidb_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	*	P77425	P0A7U7	allc_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	*	P0AE18	P0A7U7	ampm_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	*	P0A9Y6	P0A7U7	cspc_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	*	P0A968	P0A7U7	cspd_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	*	P0AED9	P0A7U7	dcm_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	*	P0A9P6	P0A7U7	dead_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	*	P06966	P0A7U7	dica_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	*	P03004	P0A7U7	dnaa_ecoli	rs20_ecoli

P0A7U7	RS20_ECOLI	* P26266	P0A7U7	fepe_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0ADH5	P0A7U7	fimb_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P68066	P0A7U7	grca_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A7A9	P0A7U7	ipyr_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A715	P0A7U7	kdsa_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A722	P0A7U7	lpxa_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P21645	P0A7U7	lpxd_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A9F1	P0A7U7	mntr_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P75960	P0A7U7	npd_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A799	P0A7U7	pgk_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A9K3	P0A7U7	phol_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P05055	P0A7U7	pnp_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P69791	P0A7U7	ptqa_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A8J8	P0A7U7	rhlb_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P24211	P0A7U7	rhse_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P37765	P0A7U7	rlub_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0AA39	P0A7U7	rluc_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P21513	P0A7U7	rne_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A9J0	P0A7U7	rng_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A7Y4	P0A7U7	rnh_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A7Y8	P0A7U7	rnpa_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P21499	P0A7U7	rnrc_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A7Z4	P0A7U7	rpoa_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A8V2	P0A7U7	rpob_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A800	P0A7U7	rpoz_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A776	P0A7U7	rpph_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0AFX4	P0A7U7	rsd_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0ACU2	P0A7U7	rutr_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P14081	P0A7U7	selb_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A9E2	P0A7U7	soxs_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0AG24	P0A7U7	spot_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P75792	P0A7U7	suph_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A8M3	P0A7U7	syt_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A8I5	P0A7U7	trmb_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A9W0	P0A7U7	ular_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A8G0	P0A7U7	uvrc_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0A8E5	P0A7U7	yacl_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P77607	P0A7U7	yagl_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P75829	P0A7U7	ybjx_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P0AGJ5	P0A7U7	yfif_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P76594	P0A7U7	yfiq_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P45524	P0A7U7	yhet_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P32162	P0A7U7	yiis_ecoli	rs20_ecoli
P0A7U7	RS20_ECOLI	* P39407	P0A7U7	yjju_ecoli	rs20_ecoli

P68679	RS21_ECOLI	* P0ABH9	P68679	clpa_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P0A968	P68679	cspd_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P0A9P6	P68679	dead_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P0A9P6	P68679	dead_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P23830	P68679	pss_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P69407	P68679	rccb_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P63177	P68679	rlmb_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P37765	P68679	rlub_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P21513	P68679	rne_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P0A9J0	P68679	rng_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P0A7Y8	P68679	rnpa_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P21499	P68679	rnrc_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P0A7Z4	P68679	rpoa_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P0A8V2	P68679	rpob_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P0A850	P68679	tig_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P0A850	P68679	tig_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P0A8I5	P68679	trmb_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P0A8E5	P68679	yacl_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P0AD05	P68679	yeca_ecoli	rs21_ecoli
P68679	RS21_ECOLI	* P0AGJ5	P68679	yfif_ecoli	rs21_ecoli

P0A7V3	RS3_ECOLI	* P24224	P0A7V3	acps_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P06134	P0A7V3	ada_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0ABD8	P0A7V3	bccp_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P06709	P0A7V3	bira_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P06610	P0A7V3	btue_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P36659	P0A7V3	cbpa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P31469	P0A7V3	cbrc_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A9X9	P0A7V3	cspa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A9X9	P0A7V3	cspa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P36995	P0A7V3	cspb_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A9Y6	P0A7V3	cspc_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A9Y6	P0A7V3	cspc_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A968	P0A7V3	cspd_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A978	P0A7V3	cspg_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P69488	P0A7V3	cuta_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AED9	P0A7V3	dcm_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P76316	P0A7V3	dcyd_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A9P6	P0A7V3	dead_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A9P6	P0A7V3	dead_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A6P5	P0A7V3	der_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P00393	P0A7V3	dhna_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P66817	P0A7V3	diaa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AEE8	P0A7V3	dma_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P03004	P0A7V3	dnaa_ecoli	rs3_ecoli

P0A7V3	RS3_ECOLI	*	P0A6Q6	P0A7V3	fabz_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0ADH5	P0A7V3	fimb_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0ADH5	P0A7V3	fimb_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0ADH5	P0A7V3	fimb_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0A6R3	P0A7V3	fis_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P60566	P0A7V3	fixa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0AEM0	P0A7V3	fkbx_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0ABY4	P0A7V3	flaw_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0AEM6	P0A7V3	flia_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P77609	P0A7V3	flxa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0ACP1	P0A7V3	frur_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P63201	P0A7V3	gadw_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0A9S3	P0A7V3	gatd_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0ACC7	P0A7V3	glmu_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0A9C5	P0A7V3	glna_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0A9C9	P0A7V3	glpx_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0A6X3	P0A7V3	hfq_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P28630	P0A7V3	hola_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P43329	P0A7V3	hrpa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0A6Z1	P0A7V3	hsca_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P77319	P0A7V3	hscC_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0A6Y5	P0A7V3	hslo_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0ACG8	P0A7V3	hslr_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0ACV0	P0A7V3	htrb_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P19932	P0A7V3	hyaf_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0AEV9	P0A7V3	hyci_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P16528	P0A7V3	iclr_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0A6Y1	P0A7V3	ihfb_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0A7A9	P0A7V3	ipyr_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0A715	P0A7V3	kdsa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0A715	P0A7V3	kdsa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0A9M0	P0A7V3	lon_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P21645	P0A7V3	lpxd_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P21645	P0A7V3	lpxd_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P21645	P0A7V3	lpxd_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P32716	P0A7V3	mdtn_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0ACH8	P0A7V3	melr_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P18196	P0A7V3	minc_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	Q46865	P0A7V3	mqsR_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P76346	P0A7V3	mtfa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P0A9H1	P0A7V3	mug_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P22523	P0A7V3	mukB_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P17802	P0A7V3	muty_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P33594	P0A7V3	nike_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	*	P75960	P0A7V3	npd_ecoli	rs3_ecoli

P0A7V3	RS3_ECOLI	* P0AFF6	P0A7V3	nusa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AFF6	P0A7V3	nusa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AFG0	P0A7V3	nusg_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P42641	P0A7V3	obg_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P33136	P0A7V3	opgg_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A9K3	P0A7V3	phol_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0ADI0	P0A7V3	pinr_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A7A7	P0A7V3	plsb_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A7A7	P0A7V3	plsb_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P05055	P0A7V3	pnp_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P17888	P0A7V3	pria_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P07013	P0A7V3	prib_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P23830	P0A7V3	pss_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A7E9	P0A7V3	pyrh_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P64530	P0A7V3	rcnr_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P69407	P0A7V3	rcsb_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P69407	P0A7V3	rcsb_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P24230	P0A7V3	recg_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A7H3	P0A7V3	reco_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P37692	P0A7V3	rfaf_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P25740	P0A7V3	rfag_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P27240	P0A7V3	rfay_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A8J8	P0A7V3	rhlb_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AEI4	P0A7V3	rimo_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P75864	P0A7V3	rlml_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0ADR6	P0A7V3	rlmm_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P36979	P0A7V3	rlmn_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P36979	P0A7V3	rlmn_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P37765	P0A7V3	rlub_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AA39	P0A7V3	rluc_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AA39	P0A7V3	rluc_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P75966	P0A7V3	rlue_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P32684	P0A7V3	rluf_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P21513	P0A7V3	rne_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A9J0	P0A7V3	rng_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A7Y4	P0A7V3	rnh_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A7Y8	P0A7V3	rnpa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A7Y8	P0A7V3	rnpa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P21499	P0A7V3	rnrc_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A7Z4	P0A7V3	rpoa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A8V2	P0A7V3	rpob_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A8T7	P0A7V3	rpoc_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P00579	P0A7V3	rpod_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A776	P0A7V3	rpph_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P39286	P0A7V3	rsga_ecoli	rs3_ecoli

P0A7V3	RS3_ECOLI	* P39406	P0A7V3	rsmc_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A8I1	P0A7V3	ruvx_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AG86	P0A7V3	secb_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P14081	P0A7V3	selb_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A828	P0A7V3	smg_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P21170	P0A7V3	spea_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AG24	P0A7V3	spot_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AFV4	P0A7V3	spr_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P39902	P0A7V3	sprt_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P21507	P0A7V3	srmb_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AFZ3	P0A7V3	sspb_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A832	P0A7V3	ssrp_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P04805	P0A7V3	syecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P00960	P0A7V3	syga_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A8M3	P0A7V3	syt_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A850	P0A7V3	tig_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A850	P0A7V3	tig_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A8I5	P0A7V3	trmb_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P00895	P0A7V3	trpe_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A881	P0A7V3	trpr_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A9W0	P0A7V3	ular_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P08390	P0A7V3	usg_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A8G0	P0A7V3	uvrc_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A8G0	P0A7V3	uvrc_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P77414	P0A7V3	wcaa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P71242	P0A7V3	wcak_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A8E5	P0A7V3	yacl_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* Q47158	P0A7V3	yafp_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AAS7	P0A7V3	ybcj_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AAS7	P0A7V3	ybcj_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0A898	P0A7V3	ybey_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P75829	P0A7V3	ybjx_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P75829	P0A7V3	ybjx_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AB28	P0A7V3	yced_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P27431	P0A7V3	ydfd_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AB43	P0A7V3	ycgl_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P76012	P0A7V3	ycgy_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P37052	P0A7V3	ychn_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P08245	P0A7V3	ycih_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P76104	P0A7V3	ydcp_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0ACX9	P0A7V3	ydie_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P64476	P0A7V3	ydihecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P64479	P0A7V3	ydiz_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AD33	P0A7V3	yfcz_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P76515	P0A7V3	yfds_ecoli	rs3_ecoli

P0A7V3	RS3_ECOLI	* P0AGJ5	P0A7V3	yfif_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P52119	P0A7V3	yfjf_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* Q46901	P0A7V3	ygcl_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P52037	P0A7V3	ygff_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P38521	P0A7V3	yggf_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0ADT5	P0A7V3	yggj_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P67701	P0A7V3	yggm_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P45472	P0A7V3	yhbq_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P64616	P0A7V3	yhco_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P09162	P0A7V3	yjaa_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AF67	P0A7V3	yjee_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0AF76	P0A7V3	yjfi_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P75967	P0A7V3	ymfd_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P75992	P0A7V3	ymga_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P0ACV8	P0A7V3	ymja_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P76148	P0A7V3	yneg_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P76222	P0A7V3	ynja_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P76539	P0A7V3	ypea_ecoli	rs3_ecoli
P0A7V3	RS3_ECOLI	* P76612	P0A7V3	ypjb_ecoli	rs3_ecoli
P0A7V8	RS4_ECOLI	* P33224	P0A7V8	aidb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* Q06065	P0A7V8	atoc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P36659	P0A7V8	cbpa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P31469	P0A7V8	cbrc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AE72	P0A7V8	chpr_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0ABH9	P0A7V8	clpa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A9X9	P0A7V8	cspa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A9X9	P0A7V8	cspa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P36995	P0A7V8	cspb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P36995	P0A7V8	cspb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A9Y6	P0A7V8	cspc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A9Y6	P0A7V8	cspc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A9Y6	P0A7V8	cspc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A968	P0A7V8	cspd_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A968	P0A7V8	cspd_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A972	P0A7V8	cspe_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A972	P0A7V8	cspe_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A978	P0A7V8	cspg_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A986	P0A7V8	cspe_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P11557	P0A7V8	cspe_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0ACF0	P0A7V8	damx_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0ACF4	P0A7V8	dbha_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P37195	P0A7V8	dbhb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P76316	P0A7V8	dctr_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A9P6	P0A7V8	dcyd_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI		P0A7V8	dead_ecoli	rs4_ecoli

P0A7V8	RS4_ECOLI	* P0A9P6	P0A7V8	dead_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AEE3	P0A7V8	degs_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P06966	P0A7V8	dica_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P27296	P0A7V8	ding_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AEE8	P0A7V8	dma_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AEG6	P0A7V8	dsbc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P77202	P0A7V8	dsbg_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AEH5	P0A7V8	elab_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AEJ2	P0A7V8	entc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P06616	P0A7V8	era_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P06616	P0A7V8	era_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P77277	P0A7V8	eutj_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A6Q6	P0A7V8	fabz_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P28861	P0A7V8	fenr_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0ADH5	P0A7V8	fimb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A6R3	P0A7V8	fis_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P45523	P0A7V8	fkba_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AEM0	P0A7V8	fkbx_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AEM0	P0A7V8	fkbx_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0ABY4	P0A7V8	flaw_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P52627	P0A7V8	fliz_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P23882	P0A7V8	fmt_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A9A6	P0A7V8	ftsz_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0ACC7	P0A7V8	glmu_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P13035	P0A7V8	glpd_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A6X3	P0A7V8	hfq_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A6X3	P0A7V8	hfq_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P34749	P0A7V8	hofq_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A6Z1	P0A7V8	hsca_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P77319	P0A7V8	hscc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0ACG8	P0A7V8	hslr_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A6X7	P0A7V8	ihfa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A6X7	P0A7V8	ihfa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A6Y1	P0A7V8	ihfb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P24218	P0A7V8	intd_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P62617	P0A7V8	ispf_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AB74	P0A7V8	kbay_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A715	P0A7V8	kdsa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P33232	P0A7V8	lidd_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A722	P0A7V8	lpxa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P21645	P0A7V8	lpxd_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P21645	P0A7V8	lpxd_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P21645	P0A7V8	lpxd_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P24200	P0A7V8	mcra_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P61889	P0A7V8	mdh_ecoli	rs4_ecoli

P0A7V8	RS4_ECOLI	*	P18196	P0A7V8	minc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P25738	P0A7V8	msyb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P76346	P0A7V8	mtfa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P17443	P0A7V8	murg_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P77245	P0A7V8	murr_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P09152	P0A7V8	narg_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P63020	P0A7V8	nfua_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P33594	P0A7V8	nike_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P04846	P0A7V8	nlpa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P75960	P0A7V8	npd_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P75960	P0A7V8	npd_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P32712	P0A7V8	nrfg_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P0AFF6	P0A7V8	nusa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P0AFF6	P0A7V8	nusa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P0A780	P0A7V8	nusb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P42641	P0A7V8	obg_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P28305	P0A7V8	pabc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P31057	P0A7V8	panb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P0A9K3	P0A7V8	phol_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P0A7A7	P0A7V8	plsb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P0A7A7	P0A7V8	plsb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P21369	P0A7V8	pnca_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P05055	P0A7V8	pnp_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P23862	P0A7V8	pric_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P0A8T1	P0A7V8	prma_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P23830	P0A7V8	pss_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P23830	P0A7V8	pss_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P30235	P0A7V8	psuk_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P76062	P0A7V8	racr_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P69407	P0A7V8	rcsb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P24230	P0A7V8	recg_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P37692	P0A7V8	rfaf_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P32169	P0A7V8	rhad_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P0A8J8	P0A7V8	rhlb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P25888	P0A7V8	rhle_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P25539	P0A7V8	ribd_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P13857	P0A7V8	riml_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P0AEI4	P0A7V8	rimo_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P0C0R7	P0A7V8	rlme_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P75864	P0A7V8	rlml_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P36979	P0A7V8	rlmn_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P36979	P0A7V8	rlmn_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P37765	P0A7V8	rlub_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P0AA39	P0A7V8	rluc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	*	P32684	P0A7V8	rluf_ecoli	rs4_ecoli

P0A7V8	RS4_ECOLI	* P21513	P0A7V8	rne_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P21513	P0A7V8	rne_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A9J0	P0A7V8	rng_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A7Y8	P0A7V8	rnpa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A7Y8	P0A7V8	rnpa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P21499	P0A7V8	rnrc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P21499	P0A7V8	rnrc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A7Z4	P0A7V8	rpoa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A7Z4	P0A7V8	rpoa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A8T7	P0A7V8	rpoc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A8T7	P0A7V8	rpoc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P00579	P0A7V8	rpod_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AGB6	P0A7V8	rpoe_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A776	P0A7V8	rpph_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A776	P0A7V8	rpph_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P36929	P0A7V8	rsmb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P39406	P0A7V8	rsmc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AGL7	P0A7V8	rsme_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P67087	P0A7V8	rsmi_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AA43	P0A7V8	rsua_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P46850	P0A7V8	rtcb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P14081	P0A7V8	selb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P14081	P0A7V8	selb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A823	P0A7V8	sfsa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0ACH1	P0A7V8	sfsb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A9K9	P0A7V8	slyd_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A9E2	P0A7V8	soxs_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P21170	P0A7V8	spea_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AG24	P0A7V8	spot_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AFZ3	P0A7V8	sspb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0ACG1	P0A7V8	stpa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0ADG4	P0A7V8	suhb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P00954	P0A7V8	syw_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P37610	P0A7V8	taud_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P75948	P0A7V8	thik_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A850	P0A7V8	tig_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AGI8	P0A7V8	trka_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A8I5	P0A7V8	trmb_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AG03	P0A7V8	ubix_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A9W0	P0A7V8	ular_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A9W0	P0A7V8	ular_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P60472	P0A7V8	upps_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A8G0	P0A7V8	uvrc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A8G0	P0A7V8	uvrc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P71242	P0A7V8	wcak_ecoli	rs4_ecoli

P0A7V8	RS4_ECOLI	* P0A8E5	P0A7V8	yacl_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A8E5	P0A7V8	yacl_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P40711	P0A7V8	yaej_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* Q47269	P0A7V8	ybcn_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A898	P0A7V8	ybey_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0A8Z3	P0A7V8	ybgc_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P75767	P0A7V8	ybhk_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P30176	P0A7V8	ybia_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P75829	P0A7V8	ybjx_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AFQ7	P0A7V8	ycfh_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P75989	P0A7V8	ycge_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AB43	P0A7V8	ycgl_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P76004	P0A7V8	ycgm_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P30192	P0A7V8	ychg_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P37052	P0A7V8	ychj_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P08245	P0A7V8	ycih_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P76046	P0A7V8	ycjx_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P76122	P0A7V8	yddj_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P76165	P0A7V8	ydfx_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P77564	P0A7V8	ydhw_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0ACX9	P0A7V8	ydie_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0ACX9	P0A7V8	ydie_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0ACY1	P0A7V8	yджа_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P77721	P0A7V8	yджf_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P76243	P0A7V8	yeao_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P76318	P0A7V8	yedk_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AD12	P0A7V8	yeez_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AGJ5	P0A7V8	yfif_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AGJ5	P0A7V8	yfif_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AGJ5	P0A7V8	yfif_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P52119	P0A7V8	yfjf_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P77295	P0A7V8	ygav_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* Q46906	P0A7V8	ygcp_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P38521	P0A7V8	yggf_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0ADT5	P0A7V8	ygic_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P42624	P0A7V8	yhak_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P45472	P0A7V8	yhbq_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P45545	P0A7V8	yhfs_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P45550	P0A7V8	yhfx_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P37634	P0A7V8	yhir_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0ADP9	P0A7V8	yihd_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P09162	P0A7V8	yjaa_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0AF67	P0A7V8	yjee_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P0ACV8	P0A7V8	ymja_ecoli	rs4_ecoli
P0A7V8	RS4_ECOLI	* P76148	P0A7V8	yneg_ecoli	rs4_ecoli

P0A7W1	RS5_ECOLI	* P33224	P0A7W1	aidb_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0ACN4	P0A7W1	allr_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0AE18	P0A7W1	ampm_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P06610	P0A7W1	btue_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A9H5	P0A7W1	btur_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P36659	P0A7W1	cbpa_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P31469	P0A7W1	cbrc_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A6I6	P0A7W1	coad_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0ACJ8	P0A7W1	crp_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A9X9	P0A7W1	cspa_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A9Y6	P0A7W1	cspc_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A9Y6	P0A7W1	cspc_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A968	P0A7W1	cspd_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A968	P0A7W1	cspd_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A972	P0A7W1	cspe_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A978	P0A7W1	cspg_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A978	P0A7W1	cspg_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A6J1	P0A7W1	cysc_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P11557	P0A7W1	damx_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0AED9	P0A7W1	dcm_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P76316	P0A7W1	dcyd_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A9P6	P0A7W1	dead_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A9P6	P0A7W1	dead_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P03004	P0A7W1	dnaa_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0ACB0	P0A7W1	dnab_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P08622	P0A7W1	dnaj_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0ABT2	P0A7W1	dps_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P33371	P0A7W1	dusc_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A6P1	P0A7W1	efts_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A6P9	P0A7W1	eno_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P06616	P0A7W1	era_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P06616	P0A7W1	era_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A6Q3	P0A7W1	faba_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A6Q6	P0A7W1	fabz_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P76503	P0A7W1	fadi_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P07658	P0A7W1	fdhf_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0ADH5	P0A7W1	fimb_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A6R3	P0A7W1	fis_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P61949	P0A7W1	flav_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P31068	P0A7W1	flih_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A9R7	P0A7W1	ftse_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A9A6	P0A7W1	ftsz_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P31120	P0A7W1	glmm_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0ACC7	P0A7W1	glmu_ecoli	rs5_ecoli

P0A7W1	RS5_ECOLI	*	P13035	P0A7W1	glpd_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A6W5	P0A7W1	grea_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P30128	P0A7W1	greb_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P09372	P0A7W1	grpe_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A6X3	P0A7W1	hfq_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P28905	P0A7W1	holc_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P43329	P0A7W1	hrpa_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A6Z1	P0A7W1	hsca_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P77319	P0A7W1	hscg_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A6Y5	P0A7W1	hslo_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0ACG8	P0A7W1	hslr_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A6H5	P0A7W1	hslu_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P19932	P0A7W1	hyaf_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P16528	P0A7W1	iclr_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A6Y1	P0A7W1	ihfb_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P32053	P0A7W1	inta_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A7A9	P0A7W1	ipyr_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A715	P0A7W1	kdsa_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0AC75	P0A7W1	kdta_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P38393	P0A7W1	kil_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P60785	P0A7W1	lepa_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A7C2	P0A7W1	lexa_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P21645	P0A7W1	lpxd_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P21645	P0A7W1	lpxd_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P22523	P0A7W1	mukb_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P76535	P0A7W1	murq_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P68739	P0A7W1	nfi_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A9N8	P0A7W1	nrdg_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0AFD1	P0A7W1	nuoe_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0AFF6	P0A7W1	nusa_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0AFF6	P0A7W1	nusa_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A780	P0A7W1	nusb_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0AFG0	P0A7W1	nusg_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0AFG0	P0A7W1	nusg_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P42641	P0A7W1	obg_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P76577	P0A7W1	pbpc_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A9K3	P0A7W1	phol_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A9K3	P0A7W1	phol_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A7A7	P0A7W1	plsb_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P05055	P0A7W1	pnp_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P05055	P0A7W1	pnp_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P23830	P0A7W1	pss_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A7E9	P0A7W1	pyrh_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P60240	P0A7W1	rapa_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A7H3	P0A7W1	reco_ecoli	rs5_ecoli

P0A7W1	RS5_ECOLI	* P0A8J8	P0A7W1	rhlb_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P45748	P0A7W1	rimn_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0AEI4	P0A7W1	rimo_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A8A8	P0A7W1	rimp_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P63177	P0A7W1	rlmb_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0C0R7	P0A7W1	rlme_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P36979	P0A7W1	rlmn_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P36979	P0A7W1	rlmn_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P37765	P0A7W1	rlub_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P37765	P0A7W1	rlub_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0AA39	P0A7W1	rluc_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0AA39	P0A7W1	rluc_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P30850	P0A7W1	rnb_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P21513	P0A7W1	rne_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A9J0	P0A7W1	rng_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A7Y4	P0A7W1	rnh_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A7Y8	P0A7W1	rnpa_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A7Y8	P0A7W1	rnpa_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P21499	P0A7W1	rnrc_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P21499	P0A7W1	rnrc_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A7Z4	P0A7W1	rpoa_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A7Z4	P0A7W1	rpoa_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A7Z4	P0A7W1	rpoa_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A8V2	P0A7W1	rpob_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A8T7	P0A7W1	rpoc_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A8T7	P0A7W1	rpoc_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P00579	P0A7W1	rpod_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A776	P0A7W1	rpph_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A776	P0A7W1	rpph_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P14081	P0A7W1	selb_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A9K9	P0A7W1	slyd_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0AG24	P0A7W1	spot_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P15082	P0A7W1	srlr_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A832	P0A7W1	ssrp_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P00960	P0A7W1	syga_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A8M3	P0A7W1	syt_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P00954	P0A7W1	syw_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A847	P0A7W1	tgt_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A850	P0A7W1	tig_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A850	P0A7W1	tig_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A850	P0A7W1	tig_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A8I5	P0A7W1	trmb_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A9W0	P0A7W1	ular_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0A9W0	P0A7W1	ular_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	* P0AG11	P0A7W1	umud_ecoli	rs5_ecoli

P0A7W1	RS5_ECOLI	*	P0A8G0	P0A7W1	uvrc_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P03018	P0A7W1	uvrd_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P71242	P0A7W1	wcak_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A8E5	P0A7W1	yacl_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0AAS7	P0A7W1	ybcj_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A898	P0A7W1	ybey_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P75767	P0A7W1	ybhk_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P75829	P0A7W1	ybjx_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A8N0	P0A7W1	ycbg_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P76012	P0A7W1	ycgy_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P76104	P0A7W1	ydcg_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P64476	P0A7W1	ydih_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P64479	P0A7W1	ydiz_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0AD05	P0A7W1	yeca_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P37774	P0A7W1	yecc_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A8A2	P0A7W1	yeen_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P65556	P0A7W1	yfcd_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P77656	P0A7W1	yfdk_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P76538	P0A7W1	yfez_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P76578	P0A7W1	yfhm_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0AGJ5	P0A7W1	yfif_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0AGJ5	P0A7W1	yfif_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P76594	P0A7W1	yfiq_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	Q46927	P0A7W1	ygdI_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0ADT5	P0A7W1	ygic_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P67660	P0A7W1	yhaj_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P45472	P0A7W1	yhbq_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P64616	P0A7W1	yhco_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0ADK8	P0A7W1	yibl_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P32162	P0A7W1	yiis_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P09163	P0A7W1	yjab_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P32694	P0A7W1	yjbm_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0AF67	P0A7W1	yjee_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P76562	P0A7W1	ypfi_ecoli	rs5_ecoli
P0A7W1	RS5_ECOLI	*	P0A9X1	P0A7W1	znuc_ecoli	rs5_ecoli
P02358	RS6_ECOLI	*	P0A6A8	P02358	acp_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P33224	P02358	aidb_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0ACN4	P02358	allr_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0ABH9	P02358	clpa_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A6G7	P02358	clpp_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A9Y6	P02358	cspc_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A9P6	P02358	dead_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P08622	P02358	dnaj_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0ABT2	P02358	dps_ecoli	rs6_ecoli

P02358	RS6_ECOLI	*	P06616	P02358	era_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0ADH5	P02358	fimb_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P63228	P02358	gmhb_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A6X3	P02358	hfq_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0ABS8	P02358	hole_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A6Z3	P02358	htpg_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0C054	P02358	ibpa_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P16528	P02358	iclr_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A6Y1	P02358	ihfb_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P60785	P02358	lepa_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P25522	P02358	mnme_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A9X4	P02358	mreb_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P68739	P02358	nfi_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0AFG0	P02358	nusg_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A799	P02358	pgk_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P69405	P02358	rcsa_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A8J8	P02358	rhlb_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P36979	P02358	rlmn_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P37765	P02358	rlub_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0AA39	P02358	rluc_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P21513	P02358	rne_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A7Y8	P02358	rnpa_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P21499	P02358	rnrc_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P21499	P02358	rnrc_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A7Z4	P02358	rpoa_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A8V2	P02358	rpob_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P00579	P02358	rpod_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A776	P02358	rpph_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P14081	P02358	selb_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0AG24	P02358	spot_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A8M3	P02358	syt_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A8I5	P02358	trmb_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A8G0	P02358	uvrc_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P03018	P02358	uvrd_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0A8E5	P02358	yacl_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0AAS7	P02358	ybcj_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P75767	P02358	ybhk_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P75829	P02358	ybjx_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0AGJ5	P02358	yfif_ecoli	rs6_ecoli
P02358	RS6_ECOLI	*	P0AGJ5	P02358	yfif_ecoli	rs6_ecoli
P02359	RS7_ECOLI	*	P0A6A8	P02359	acp_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A6A8	P02359	acp_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P24224	P02359	acps_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P06134	P02359	ada_ecoli	rs7_ecoli

P02359	RS7_ECOLI	*	P33224	P02359	aidb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0ACN4	P02359	allr_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P36659	P02359	cbpa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P36659	P02359	cbpa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P31469	P02359	cbrc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0ABH9	P02359	clpa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0ABH9	P02359	clpa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P63284	P02359	clpb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A6G7	P02359	clpp_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A6G7	P02359	clpp_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A9X9	P02359	cspa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A9X9	P02359	cspa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P36995	P02359	cspb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A9Y6	P02359	cspc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A9Y6	P02359	cspc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A9Y6	P02359	cspc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A968	P02359	cspd_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A968	P02359	cspd_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A972	P02359	cspe_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A972	P02359	cspe_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A972	P02359	cspe_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A978	P02359	cspg_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A986	P02359	cspi_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0ACF4	P02359	dbhb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0ACF4	P02359	dbhb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0AED9	P02359	dcm_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A9P6	P02359	dead_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A9P6	P02359	dead_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0AEE8	P02359	dma_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P03004	P02359	dnaa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P03004	P02359	dnaa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P33371	P02359	duhc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A6Q3	P02359	faba_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A6Q6	P02359	fabz_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P13024	P02359	fdhe_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0ADH5	P02359	fimb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0ADH5	P02359	fimb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P23882	P02359	fmt_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A9R7	P02359	ftse_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0AAI3	P02359	ftsh_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0ACC7	P02359	glmu_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A6W5	P02359	grea_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P09372	P02359	grpe_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P15038	P02359	held_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A6X3	P02359	hfq_ecoli	rs7_ecoli

P02359	RS7_ECOLI	*	P67910	P02359	hldd_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P67910	P02359	hldd_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P43329	P02359	hrpa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A6L9	P02359	hscb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A6Y5	P02359	hslo_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0ACG8	P02359	hslr_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A6H5	P02359	hslu_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A7B8	P02359	hslv_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A6Z3	P02359	htpg_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0AAM3	P02359	hypc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0C054	P02359	ibpa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P16528	P02359	iclr_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A6Y1	P02359	ihfb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P32053	P02359	inta_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A7A9	P02359	ipyr_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A715	P02359	kdsa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P60785	P02359	lepa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A9M0	P02359	lon_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P21645	P02359	lpxd_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P21645	P02359	lpxd_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P21645	P02359	lpxd_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P77791	P02359	maa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P25522	P02359	mnme_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P30745	P02359	moaa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P25738	P02359	msyb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P22523	P02359	mukb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P68739	P02359	nfi_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P33594	P02359	nike_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0AFF6	P02359	nusa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0AFF6	P02359	nusa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0AFG0	P02359	nusg_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P76086	P02359	paax_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A9K3	P02359	phol_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A9K3	P02359	phol_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P05055	P02359	pnp_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P05055	P02359	pnp_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A9L5	P02359	ppic_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P07013	P02359	prib_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P23862	P02359	pric_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0ABS5	P02359	prim_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A8T1	P02359	prma_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P23830	P02359	pss_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A7E9	P02359	pyrh_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P69405	P02359	rca_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P24230	P02359	recg_ecoli	rs7_ecoli

P02359	RS7_ECOLI	* P0A7H3	P02359	reco_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P37692	P02359	rfaf_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0A8J8	P02359	rhlb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0A8J8	P02359	rhlb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P25888	P02359	rhle_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P25539	P02359	ribd_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0A8A8	P02359	rimp_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P63177	P02359	rlmb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0C0R7	P02359	rlme_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P75864	P02359	rlml_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0ADR6	P02359	rlmm_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P36979	P02359	rlmn_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P36979	P02359	rlmn_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P37765	P02359	rlub_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P37765	P02359	rlub_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0AA39	P02359	rluc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0AA39	P02359	rluc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0AA39	P02359	rluc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P32684	P02359	rluf_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P21513	P02359	rne_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P21513	P02359	rne_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0A7Y8	P02359	rnpa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0A7Y8	P02359	rnpa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P21499	P02359	rnrc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P21499	P02359	rnrc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0A7Z4	P02359	rpoa_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0A8T7	P02359	rpoc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0A8T7	P02359	rpoc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P00579	P02359	rpod_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P00579	P02359	rpod_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0A800	P02359	rpoz_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0A776	P02359	rpph_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0A776	P02359	rpph_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P39286	P02359	rsga_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P36929	P02359	rsmb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P39406	P02359	rsmc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0ACU2	P02359	rutr_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P14081	P02359	selb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P21170	P02359	spea_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0AG24	P02359	spot_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0AG24	P02359	spot_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0AFZ3	P02359	sspb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0A8M3	P02359	syt_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0A847	P02359	tgt_ecoli	rs7_ecoli
P02359	RS7_ECOLI	* P0A850	P02359	tig_ecoli	rs7_ecoli

P02359	RS7_ECOLI	*	P0A850	P02359	tig_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P52097	P02359	tils_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A8I5	P02359	trmb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A8I5	P02359	trmb_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0AGJ2	P02359	trmh_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A9W0	P02359	ular_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A8G0	P02359	uvrc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A8G0	P02359	uvrc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P03018	P02359	uvrd_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P71242	P02359	wcak_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P40711	P02359	yaej_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P75767	P02359	ybhk_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P75829	P02359	ybjx_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P75829	P02359	ybjx_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P08245	P02359	ycih_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P76104	P02359	ydcg_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0ACX9	P02359	ydie_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P64476	P02359	ydhc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0AD05	P02359	yeca_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0AGJ5	P02359	yfif_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0AGJ5	P02359	yfif_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P52119	P02359	yfjf_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	Q46927	P02359	ygdh_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0ADT5	P02359	ygie_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0AGK4	P02359	yhby_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P64616	P02359	yhco_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0ADK8	P02359	yibl_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0A8H6	P02359	yihc_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P32680	P02359	yjag_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P0ACV8	P02359	ymja_ecoli	rs7_ecoli
P02359	RS7_ECOLI	*	P76148	P02359	yneg_ecoli	rs7_ecoli
P0A7W7	RS8_ECOLI	*	P0A6A8	P0A7W7	acp_ecoli	rs8_ecoli
P0A7W7	RS8_ECOLI	*	P63284	P0A7W7	clpb_ecoli	rs8_ecoli
P0A7W7	RS8_ECOLI	*	P0A9P6	P0A7W7	dead_ecoli	rs8_ecoli
P0A7W7	RS8_ECOLI	*	P0ABT2	P0A7W7	dps_ecoli	rs8_ecoli
P0A7W7	RS8_ECOLI	*	P0ADH5	P0A7W7	fimb_ecoli	rs8_ecoli
P0A7W7	RS8_ECOLI	*	P16528	P0A7W7	iclr_ecoli	rs8_ecoli
P0A7W7	RS8_ECOLI	*	P0A6Y1	P0A7W7	ihfb_ecoli	rs8_ecoli
P0A7W7	RS8_ECOLI	*	P0A7A9	P0A7W7	ipyr_ecoli	rs8_ecoli
P0A7W7	RS8_ECOLI	*	P0A9M0	P0A7W7	lon_ecoli	rs8_ecoli
P0A7W7	RS8_ECOLI	*	P21645	P0A7W7	lpxd_ecoli	rs8_ecoli
P0A7W7	RS8_ECOLI	*	P0A7A7	P0A7W7	plsb_ecoli	rs8_ecoli
P0A7W7	RS8_ECOLI	*	P0A7Y8	P0A7W7	rnpa_ecoli	rs8_ecoli
P0A7W7	RS8_ECOLI	*	P0A7Y8	P0A7W7	rnpa_ecoli	rs8_ecoli

P0A7W7	RS8_ECOLI	* P21499	P0A7W7	rnr_ecoli	rs8_ecoli
P0A7W7	RS8_ECOLI	* P0AG24	P0A7W7	spot_ecoli	rs8_ecoli
P0A7W7	RS8_ECOLI	* P0A9W0	P0A7W7	ular_ecoli	rs8_ecoli
P0A7W7	RS8_ECOLI	* P0A8G0	P0A7W7	uvrc_ecoli	rs8_ecoli
P0A7W7	RS8_ECOLI	* P0AGJ5	P0A7W7	yfif_ecoli	rs8_ecoli
P0A7X3	RS9_ECOLI	* P05050	P0A7X3	alkb_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P05052	P0A7X3	appy_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P77624	P0A7X3	arcm_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* Q06065	P0A7X3	atoc_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P31469	P0A7X3	cbrc_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P06961	P0A7X3	cca_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P76213	P0A7X3	cho_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A8Q6	P0A7X3	clps_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A9X9	P0A7X3	cspa_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A9Y6	P0A7X3	cspc_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A972	P0A7X3	cspe_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A978	P0A7X3	cspg_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A986	P0A7X3	cspi_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P11557	P0A7X3	damx_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0ACF4	P0A7X3	dbhb_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A9P6	P0A7X3	dead_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P00393	P0A7X3	dhna_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P27296	P0A7X3	ding_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P03004	P0A7X3	dnaa_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P03004	P0A7X3	dnaa_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P06616	P0A7X3	era_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P76556	P0A7X3	eutp_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A6Q3	P0A7X3	faba_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P42593	P0A7X3	fadh_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P76503	P0A7X3	fadi_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P13024	P0A7X3	fdhe_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0AEM0	P0A7X3	fbxb_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P23882	P0A7X3	fmt_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A9R7	P0A7X3	ftse_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P29131	P0A7X3	ftsn_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A9S3	P0A7X3	gatd_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0ACL5	P0A7X3	glcc_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0ACC7	P0A7X3	glmu_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P30128	P0A7X3	greb_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P09372	P0A7X3	grpe_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A6Z1	P0A7X3	hsca_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P77319	P0A7X3	hscg_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0ACV0	P0A7X3	htrb_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A8S1	P0A7X3	icia_ecoli	rs9_ecoli

P0A7X3	RS9_ECOLI	* P24218	P0A7X3	intd_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A6B7	P0A7X3	iscs_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A715	P0A7X3	kdsa_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P60546	P0A7X3	kgua_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A722	P0A7X3	lpxa_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P21645	P0A7X3	lpxd_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0ACH8	P0A7X3	melr_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P76346	P0A7X3	mtfa_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A9H1	P0A7X3	mug_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P22523	P0A7X3	mukb_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P22524	P0A7X3	muke_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P17443	P0A7X3	murg_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P17802	P0A7X3	muty_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P75960	P0A7X3	npd_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0AFD1	P0A7X3	nuoe_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0AFF6	P0A7X3	nusa_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P42641	P0A7X3	obg_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P33136	P0A7X3	opgg_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P00914	P0A7X3	phr_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A7A7	P0A7X3	plsb_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P37590	P0A7X3	pmrd_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P32155	P0A7X3	ptfa_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P37906	P0A7X3	puub_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P40719	P0A7X3	qsec_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P76062	P0A7X3	racr_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P24230	P0A7X3	recg_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P24173	P0A7X3	rfac_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P27241	P0A7X3	rfaz_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P25888	P0A7X3	rhle_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P77215	P0A7X3	rhmd_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P75864	P0A7X3	rlml_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P32684	P0A7X3	rluf_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A9J0	P0A7X3	rng_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A9J0	P0A7X3	rng_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A7Y4	P0A7X3	rnh_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A7Y8	P0A7X3	rnpa_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P21499	P0A7X3	rnrc_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A776	P0A7X3	rpph_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P36929	P0A7X3	rsmb_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P39406	P0A7X3	rsmc_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0AA43	P0A7X3	rsua_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0ACU2	P0A7X3	rutr_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P14081	P0A7X3	selb_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P16456	P0A7X3	seld_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A9K9	P0A7X3	slyd_ecoli	rs9_ecoli

P0A7X3	RS9_ECOLI	* P0ACS2	P0A7X3	soxr_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A9E2	P0A7X3	soxs_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0AG24	P0A7X3	spot_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0AFV4	P0A7X3	spr_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P21507	P0A7X3	srmb_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A850	P0A7X3	tig_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A850	P0A7X3	tig_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P52097	P0A7X3	tils_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P36673	P0A7X3	trer_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0AGJ2	P0A7X3	trmh_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P00895	P0A7X3	trpe_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A9W0	P0A7X3	ular_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P37903	P0A7X3	uspf_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P71242	P0A7X3	wcak_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P27836	P0A7X3	wecg_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0AAB2	P0A7X3	wzb_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A8P8	P0A7X3	xerd_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P21514	P0A7X3	yaha_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0AAS7	P0A7X3	ybcj_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0AB28	P0A7X3	yced_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P27431	P0A7X3	ycfd_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P75991	P0A7X3	ycgz_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P37052	P0A7X3	ychj_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P21361	P0A7X3	ycig_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0ACX5	P0A7X3	ydhz_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0ACX9	P0A7X3	ydie_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P76241	P0A7X3	yeam_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A8A0	P0A7X3	yebc_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0AD05	P0A7X3	yeca_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0AD07	P0A7X3	yecf_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0AA31	P0A7X3	yedf_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A8A2	P0A7X3	yeen_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P76396	P0A7X3	yegl_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P52119	P0A7X3	yfjf_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P55734	P0A7X3	ygap_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P76632	P0A7X3	ygck_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* Q46905	P0A7X3	ygco_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P67080	P0A7X3	yggg_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0ADT5	P0A7X3	ygic_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P63417	P0A7X3	yhbs_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P64616	P0A7X3	yhco_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P0A8H6	P0A7X3	yihi_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P32680	P0A7X3	yjag_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P39360	P0A7X3	yjhi_ecoli	rs9_ecoli
P0A7X3	RS9_ECOLI	* P75675	P0A7X3	ykfj_ecoli	rs9_ecoli

P0A7X3	RS9_ECOLI	* P75992	P0A7X3	ymga_ecoli	rs9_ecoli
P06992	RSMA_ECOLI	* P0ACZ8	P06992	cusr_ecoli	rsma_ecoli
P36929	RSMB_ECOLI	* P0A9Y6	P36929	cspc_ecoli	rsmb_ecoli
P36929	RSMB_ECOLI	* P77445	P36929	eute_ecoli	rsmb_ecoli
P39406	RSMC_ECOLI	* P0AE52	P39406	bcp_ecoli	rsmc_ecoli
P39406	RSMC_ECOLI	* P0A7F9	P39406	quea_ecoli	rsmc_ecoli
P0ADX9	RSMD_ECOLI	* P0A9R7	P0ADX9	ftse_ecoli	rsmd_ecoli
P0AGL7	RSME_ECOLI	* P0A8W5	P0AGL7	yqge_ecoli	rsme_ecoli
P76273	RSMF_ECOLI	none			
P60390	RSMH_ECOLI	* P37634	P60390	yhir_ecoli	rsmh_ecoli
P67087	RSMI_ECOLI	none			
P52108	RSTA_ECOLI	* Q47538	P52108	taub_ecoli	rsta_ecoli
P52108	RSTA_ECOLI	* P06612	P52108	top1_ecoli	rsta_ecoli
P0AA43	RSUA_ECOLI	* P52697	P0AA43	6pgl_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P0A9Q7	P0AA43	adhe_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P04825	P0AA43	ampn_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P0A6E1	P0AA43	arol_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P30843	P0AA43	basr_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P12999	P0AA43	bioc_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P17315	P0AA43	cira_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P76250	P0AA43	dmlr_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P0ABZ1	P0AA43	flig_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P31068	P0AA43	flih_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P52614	P0AA43	flik_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P52627	P0AA43	fliz_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P09147	P0AA43	gale_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P25748	P0AA43	gals_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P51020	P0AA43	hoa_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P77397	P0AA43	mhpa_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P77569	P0AA43	mhpr_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P0AF20	P0AA43	nagc_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P75864	P0AA43	rlml_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P0A836	P0AA43	succ_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P0AGE9	P0AA43	sucd_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P0A8E5	P0AA43	yacl_ecoli	rsua_ecoli

P0AA43	RSUA_ECOLI	* P75990	P0AA43	ycgf_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P39165	P0AA43	ycho_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P38394	P0AA43	ydae_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P0ACY1	P0AA43	ydja_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P64483	P0AA43	yeak_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P76318	P0AA43	yedk_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P78271	P0AA43	yfes_ecoli	rsua_ecoli
P0AA43	RSUA_ECOLI	* P75713	P0AA43	ylba_ecoli	rsua_ecoli
P55135	RUMA_ECOLI	* P75992	P55135	ymga_ecoli	ruma_ecoli
P75817	RUMB_ECOLI	* P23869	P75817	ppib_ecoli	rumb_ecoli
P0A809	RUVA_ECOLI	* P68739	P0A809	nfi_ecoli	ruva_ecoli
P0A809	RUVA_ECOLI	* P21893	P0A809	recj_ecoli	ruva_ecoli
P0AAH4	SAPD_ECOLI	* P31062	P0AAH4	nohb_ecoli	sapd_ecoli
P0AAH4	SAPD_ECOLI	* P0A9K9	P0AAH4	slyd_ecoli	sapd_ecoli
P0AAH4	SAPD_ECOLI	* P75843	P0AAH4	ycaq_ecoli	sapd_ecoli
P16095	SDHL_ECOLI	none			
P30744	SDHM_ECOLI	* P0AA25	P30744	thio_ecoli	sdhm_ecoli
P10408	SECA_ECOLI	* P0A6A8	P10408	acp_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P0A6A8	P10408	acp_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P0A6A8	P10408	acp_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P0AE12	P10408	amn_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P0AC38	P10408	aspa_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P0A962	P10408	aspg1_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P00722	P10408	bgal_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P0ABH9	P10408	clpa_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P0A6G7	P10408	clpp_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P0A972	P10408	cspe_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P33371	P10408	dusc_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P0CE47	P10408	eftu1_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P0CE47	P10408	eftu1_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P0A6C1	P10408	end4_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P52613	P10408	flij_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P0A9A6	P10408	ftsz_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P33195	P10408	gcsp_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P0A6W5	P10408	grea_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P0A6X3	P10408	hfq_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P67910	P10408	hldd_ecoli	seca_ecoli
P10408	SECA_ECOLI	* P0ACF8	P10408	hns_ecoli	seca_ecoli

P10408	SECA_ECOLI	*	P28631	P10408	holb_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P28905	P10408	holc_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P28632	P10408	hold_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0A6Z1	P10408	hsca_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0A6H5	P10408	hslu_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P02943	P10408	lamb_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P02943	P10408	lamb_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P02943	P10408	lamb_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0A9H3	P10408	ldci_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0A817	P10408	metk_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P25522	P10408	mnme_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0A9X4	P10408	mreb_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0A9X4	P10408	mreb_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P19319	P10408	narz_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P33594	P10408	nike_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0AFG0	P10408	nusg_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0AFI2	P10408	parc_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P20083	P10408	pare_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0A9K3	P10408	phol_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P00634	P10408	ppb_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0A7E9	P10408	pyrh_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0ADZ0	P10408	rl23_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P60723	P10408	rl4_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P36979	P10408	rlmn_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P36979	P10408	rlmn_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0AA39	P10408	rluc_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P27434	P10408	rodz_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0A8V2	P10408	rpob_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P10408	P10408	seca_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0AG86	P10408	secb_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0AGA2	P10408	secy_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0A828	P10408	smg_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P28043	P10408	ssb2_ecolx	seca_ecoli
P10408	SECA_ECOLI	*	P0A832	P10408	ssrp_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0AG78	P10408	subi_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0AGJ9	P10408	syy_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P39177	P10408	uspg_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P03018	P10408	uvrd_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0A8Z3	P10408	ybgc_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0A8Z3	P10408	ybgc_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P75767	P10408	ybhk_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0AD05	P10408	yeca_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P33913	P10408	yeja_ecoli	seca_ecoli
P10408	SECA_ECOLI	*	P0A8H6	P10408	yihi_ecoli	seca_ecoli

P0AG86	SECB_ECOLI	* P0A7A9	P0AG86	ipyr_ecoli	secb_ecoli
P0AG86	SECB_ECOLI	* P0A9M0	P0AG86	lon_ecoli	secb_ecoli
P0AG86	SECB_ECOLI	* P10408	P0AG86	seca_ecoli	secb_ecoli
P0AG86	SECB_ECOLI	* P10408	P0AG86	seca_ecoli	secb_ecoli
P0AG86	SECB_ECOLI	* P77515	P0AG86	stfq_ecoli	secb_ecoli
P0AG86	SECB_ECOLI	* P37903	P0AG86	uspf_ecoli	secb_ecoli
P0AG86	SECB_ECOLI	* P39177	P0AG86	uspg_ecoli	secb_ecoli
P0AG86	SECB_ECOLI	* P33666	P0AG86	ydba_ecoli	secb_ecoli
P0AG86	SECB_ECOLI	* P77286	P0AG86	ydeu_ecoli	secb_ecoli
P14081	SELB_ECOLI	* P24169	P14081	dcos_ecoli	selb_ecoli
P14081	SELB_ECOLI	* P0A6X3	P14081	hfg_ecoli	selb_ecoli
P14081	SELB_ECOLI	* P36979	P14081	rlmn_ecoli	selb_ecoli
P14081	SELB_ECOLI	* P36979	P14081	rlmn_ecoli	selb_ecoli
P14081	SELB_ECOLI	* P23721	P14081	serc_ecoli	selb_ecoli
P14081	SELB_ECOLI	* P0A832	P14081	ssrp_ecoli	selb_ecoli
P14081	SELB_ECOLI	* P76100	P14081	ydck_ecoli	selb_ecoli
P14081	SELB_ECOLI	* P76104	P14081	ydcp_ecoli	selb_ecoli
P14081	SELB_ECOLI	* P64479	P14081	ydiz_ecoli	selb_ecoli
P16456	SELD_ECOLI	* P0AC69	P16456	glrx4_ecoli	seld_ecoli
P16456	SELD_ECOLI	* P0AG07	P16456	rpe_ecoli	seld_ecoli
P16456	SELD_ECOLI	* P00954	P16456	syw_ecoli	seld_ecoli
P0AFY8	SEQA_ECOLI	* P0ACF4	P0AFY8	dbhb_ecoli	seqa_ecoli
P0AGB0	SERB_ECOLI	* P0AAF3	P0AGB0	arag_ecoli	serb_ecoli
P0AGB0	SERB_ECOLI	* P0A903	P0AGB0	nlpb_ecoli	serb_ecoli
P23721	SERC_ECOLI	* P77671	P23721	allb_ecoli	serc_ecoli
P23721	SERC_ECOLI	* P00963	P23721	asna_ecoli	serc_ecoli
P23721	SERC_ECOLI	* P0AEF4	P23721	dpia_ecoli	serc_ecoli
P23721	SERC_ECOLI	* P75914	P23721	ycdx_ecoli	serc_ecoli
P77468	SFMD_ECOLI	* P21513	P77468	rne_ecoli	sfmd_ecoli
P77468	SFMD_ECOLI	* P21513	P77468	rne_ecoli	sfmd_ecoli
P77468	SFMD_ECOLI	* P21513	P77468	rne_ecoli	sfmd_ecoli
P77468	SFMD_ECOLI	* P21513	P77468	rne_ecoli	sfmd_ecoli
P77468	SFMD_ECOLI	* P21513	P77468	rne_ecoli	sfmd_ecoli
P77468	SFMD_ECOLI	* P0AAQ2	P77468	yajd_ecoli	sfmd_ecoli
P33595	SGRR_ECOLI	none			
P0AEU7	SKP_ECOLI	* P0A968	P0AEU7	cspd_ecoli	skp_ecoli
P0AEU7	SKP_ECOLI	* P0ACF4	P0AEU7	dbhb_ecoli	skp_ecoli

P0AEU7	SKP_ECOLI	*	P0ABT2	P0AEU7	dps_ecoli	skp_ecoli
P0AEU7	SKP_ECOLI	*	P0AC92	P0AEU7	gnsa_ecoli	skp_ecoli
P0AEU7	SKP_ECOLI	*	P0A6X3	P0AEU7	hfq_ecoli	skp_ecoli
P0AEU7	SKP_ECOLI	*	P0A6X3	P0AEU7	hfq_ecoli	skp_ecoli
P0AEU7	SKP_ECOLI	*	P0A7C2	P0AEU7	lexa_ecoli	skp_ecoli
P0AEU7	SKP_ECOLI	*	P0AF10	P0AEU7	mtlr_ecoli	skp_ecoli
P0AEU7	SKP_ECOLI	*	P76535	P0AEU7	murq_ecoli	skp_ecoli
P0AEU7	SKP_ECOLI	*	P36979	P0AEU7	rlmn_ecoli	skp_ecoli
P0AEU7	SKP_ECOLI	*	P0A832	P0AEU7	ssrp_ecoli	skp_ecoli
P0AEU7	SKP_ECOLI	*	P0A890	P0AEU7	tusa_ecoli	skp_ecoli
P0AEU7	SKP_ECOLI	*	P11291	P0AEU7	y3808_ecoli	skp_ecoli
P0AEU7	SKP_ECOLI	*	P76270	P0AEU7	yebr_ecoli	skp_ecoli
P0AEU7	SKP_ECOLI	*	P76419	P0AEU7	yegv_ecoli	skp_ecoli
P0AEU7	SKP_ECOLI	*	P0A8H6	P0AEU7	yihi_ecoli	skp_ecoli
P0C093	SLMA_ECOLI		none			
P37194	SLP_ECOLI	*	P69908	P37194	dcea_ecoli	slp_ecoli
P37194	SLP_ECOLI	*	P0AEE1	P37194	dcrb_ecoli	slp_ecoli
P37194	SLP_ECOLI	*	P00363	P37194	frda_ecoli	slp_ecoli
P37194	SLP_ECOLI	*	P37194	P37194	slp_ecoli	slp_ecoli
P0A8W2	SLYA_ECOLI		none			
P0A905	SLYB_ECOLI	*	P0A6H1	P0A905	clpx_ecoli	slyb_ecoli
P0A905	SLYB_ECOLI	*	P0AEI4	P0A905	rimo_ecoli	slyb_ecoli
P0A905	SLYB_ECOLI	*	P0A8A0	P0A905	yebc_ecoli	slyb_ecoli
P0A9K9	SLYD_ECOLI	*	P04395	P0A9K9	3mg2_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	*	P39265	P0A9K9	alsb_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	*	P60584	P0A9K9	caia_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	*	P0A6F9	P0A9K9	ch10_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	*	P0A6G7	P0A9K9	clpp_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	*	P0AE78	P0A9K9	corc_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	*	P0A6J1	P0A9K9	cysc_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	*	P0ACF4	P0A9K9	dbhb_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	*	P00582	P0A9K9	dpo1_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	*	P03007	P0A9K9	dpo3e_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	*	P03007	P0A9K9	dpo3e_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	*	P0ABT2	P0A9K9	dps_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	*	P0AEG6	P0A9K9	dsbc_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	*	P0ADF6	P0A9K9	edd_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	*	P0AB83	P0A9K9	end3_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	*	P50465	P0A9K9	end8_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	*	P06616	P0A9K9	era_ecoli	slyd_ecoli

P0A9K9	SLYD_ECOLI	* P76555	P0A9K9	eutq_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P13024	P0A9K9	fdhe_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AEM0	P0A9K9	fkbx_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P31068	P0A9K9	flih_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0ABH0	P0A9K9	ftsa_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0A9R7	P0A9K9	ftse_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0ACK8	P0A9K9	fucr_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P13035	P0A9K9	glpd_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AC69	P0A9K9	glrx4_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0CI31	P0A9K9	hcab_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AAN3	P0A9K9	hypb_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0ADF8	P0A9K9	ilvn_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0A7A9	P0A9K9	ipyr_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AGK8	P0A9K9	iscr_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P18196	P0A9K9	minc_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0A908	P0A9K9	mipa_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0A9H1	P0A9K9	mug_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P14900	P0A9K9	murd_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P76535	P0A9K9	murq_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P06722	P0A9K9	muth_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P77258	P0A9K9	nema_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P32712	P0A9K9	nrfg_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P42641	P0A9K9	obg_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* A8A6G7	P0A9K9	oxaa_ecohs	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P31057	P0A9K9	panb_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P31663	P0A9K9	panc_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AFI2	P0A9K9	parc_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P16692	P0A9K9	phpn_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0A7E9	P0A9K9	pyrh_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P15033	P0A9K9	racc_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AG20	P0A9K9	rela_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AFW0	P0A9K9	rfah_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AG44	P0A9K9	rl17_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P60723	P0A9K9	rl4_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0ACS7	P0A9K9	rpir_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0A776	P0A9K9	rpph_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AG67	P0A9K9	rs1_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AGL7	P0A9K9	rsme_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0ACU2	P0A9K9	rutr_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0A823	P0A9K9	sfsa_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AGD3	P0A9K9	sodf_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P28043	P0A9K9	ssb2_ecolx	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AFZ3	P0A9K9	sspb_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AFZ3	P0A9K9	sspb_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0ACG1	P0A9K9	stpa_ecoli	slyd_ecoli

P0A9K9	SLYD_ECOLI	* P0ADG4	P0A9K9	suhb_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P21889	P0A9K9	syd_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P04805	P0A9K9	sy_e_coli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P75948	P0A9K9	thik_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AGG0	P0A9K9	thil_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AA25	P0A9K9	thio_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AA25	P0A9K9	thio_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AGG4	P0A9K9	thio2_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0A850	P0A9K9	tig_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P71242	P0A9K9	wcak_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* Q46800	P0A9K9	xdhb_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0A8E5	P0A9K9	yacl_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P77607	P0A9K9	yagl_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P75684	P0A9K9	yagp_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P77735	P0A9K9	yajo_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0A8X2	P0A9K9	ycei_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P75989	P0A9K9	ycge_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0AB43	P0A9K9	ycgl_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P76004	P0A9K9	ycgm_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P30192	P0A9K9	ychg_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P37052	P0A9K9	ychj_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P08245	P0A9K9	ycih_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0A8A0	P0A9K9	yebc_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P76318	P0A9K9	yedk_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P76419	P0A9K9	yegv_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P52119	P0A9K9	yfjf_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* Q46888	P0A9K9	ygbj_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P67660	P0A9K9	yhaj_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P42624	P0A9K9	yhak_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P45472	P0A9K9	yhbq_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P0ACV8	P0A9K9	ymja_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* P76117	P0A9K9	yncg_ecoli	slyd_ecoli
P0A9K9	SLYD_ECOLI	* Q46856	P0A9K9	yqhd_ecoli	slyd_ecoli
P0AGD3	SODF_ECOLI	* P0ABK5	P0AGD3	cysk_ecoli	sodf_ecoli
P00448	SODM_ECOLI	* P0AA25	P00448	thio_ecoli	sodm_ecoli
P0AG14	SOHB_ECOLI	* P0ABU2	P0AG14	engd_ecoli	sohb_ecoli
P0AG14	SOHB_ECOLI	* P64483	P0AG14	yeak_ecoli	sohb_ecoli
P0AG14	SOHB_ECOLI	* P77658	P0AG14	ynaa_ecoli	sohb_ecoli
P21170	SPEA_ECOLI	* P0A8P1	P21170	lftr_ecoli	spea_ecoli
P0A7F6	SPED_ECOLI	* P36683	P0A7F6	acon2_ecoli	sped_ecoli

P0A7F6	SPED_ECOLI	* P0C0R7	P0A7F6	rlme_ecoli	sped_ecoli
P0AG24	SPOT_ECOLI	* P0A6A8	P0AG24	acp_ecoli	spot_ecoli
P0AG24	SPOT_ECOLI	* P0A6A8	P0AG24	acp_ecoli	spot_ecoli
P0AG24	SPOT_ECOLI	* P0ABH9	P0AG24	clpa_ecoli	spot_ecoli
P0AG24	SPOT_ECOLI	* P61949	P0AG24	flav_ecoli	spot_ecoli
P0AG24	SPOT_ECOLI	* P0A6X3	P0AG24	hfq_ecoli	spot_ecoli
P0AG24	SPOT_ECOLI	* P77756	P0AG24	quec_ecoli	spot_ecoli
P0AG24	SPOT_ECOLI	* P0A7H0	P0AG24	recf_ecoli	spot_ecoli
P0AG24	SPOT_ECOLI	* P36979	P0AG24	rlmn_ecoli	spot_ecoli
P0AG24	SPOT_ECOLI	* P0AA39	P0AG24	rluc_ecoli	spot_ecoli
P0AG24	SPOT_ECOLI	* P0AFW4	P0AG24	rnk_ecoli	spot_ecoli
P0AG24	SPOT_ECOLI	* P0A7Y8	P0AG24	rnpa_ecoli	spot_ecoli
P0AG24	SPOT_ECOLI	* P0A800	P0AG24	rpoz_ecoli	spot_ecoli
P0AG24	SPOT_ECOLI	* P0A776	P0AG24	rpph_ecoli	spot_ecoli
P0AG24	SPOT_ECOLI	* P0AEU7	P0AG24	skp_ecoli	spot_ecoli
P0AG24	SPOT_ECOLI	* P0A8Z3	P0AG24	ybgc_ecoli	spot_ecoli
P0AG24	SPOT_ECOLI	* P64476	P0AG24	ydiH_ecoli	spot_ecoli
P0AG24	SPOT_ECOLI	* P0A8H6	P0AG24	yihI_ecoli	spot_ecoli
P68191	SRA_ECOLI	* P09372	P68191	grpe_ecoli	sra_ecoli
P21507	SRMB_ECOLI	* P36659	P21507	cbpa_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P0A9P6	P21507	dead_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P08622	P21507	dnaj_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P33594	P21507	nike_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P0A7A7	P21507	plsb_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P05055	P21507	pnP_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P60723	P21507	rl4_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P36979	P21507	rlmn_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P36979	P21507	rlmn_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P37765	P21507	rlub_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P37765	P21507	rlub_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P0AA39	P21507	rluc_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P21513	P21507	rne_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P0A776	P21507	rpph_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P14081	P21507	selb_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P14081	P21507	selb_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P0AG24	P21507	spot_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P26648	P21507	sufi_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P06612	P21507	top1_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P0A8I5	P21507	trmb_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P0AAS7	P21507	ybcj_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P75829	P21507	ybjx_ecoli	srmb_ecoli
P21507	SRMB_ECOLI	* P64517	P21507	yodc_ecoli	srmb_ecoli

P0AGD7	SRP54_ECOLI	* P0A6Q3	P0AGD7	faba_ecoli	srp54_ecoli
P0AGD7	SRP54_ECOLI	* P0A6Q6	P0AGD7	fabz_ecoli	srp54_ecoli
P0AGD7	SRP54_ECOLI	* P0AES4	P0AGD7	gyra_ecoli	srp54_ecoli
P0AGD7	SRP54_ECOLI	* P0C0R7	P0AGD7	rlme_ecoli	srp54_ecoli
P0AGD7	SRP54_ECOLI	* P0AA25	P0AGD7	thio_ecoli	srp54_ecoli
P0AGD7	SRP54_ECOLI	* P0AA25	P0AGD7	thio_ecoli	srp54_ecoli
P0AGE0	SSB_ECOLI	* P00914	P0AGE0	phr_ecoli	ssb_ecoli
P0AGE0	SSB_ECOLI	* P24230	P0AGE0	recg_ecoli	ssb_ecoli
P0AGE0	SSB_ECOLI	* P12295	P0AGE0	ung_ecoli	ssb_ecoli
P0AGE0	SSB_ECOLI	* Q47269	P0AGE0	ybcn_ecoli	ssb_ecoli
P0ACA3	SSPA_ECOLI	none			
P0A832	SSRP_ECOLI	* P30745	P0A832	moaa_ecoli	ssrp_ecoli
P0A832	SSRP_ECOLI	* P0A7I4	P0A832	rf3_ecoli	ssrp_ecoli
P0A832	SSRP_ECOLI	* P0A847	P0A832	tgt_ecoli	ssrp_ecoli
P76072	STFR_ECOLI	* P06968	P76072	dut_ecoli	stfr_ecoli
P76072	STFR_ECOLI	* P0ABX5	P76072	flgg_ecoli	stfr_ecoli
P76072	STFR_ECOLI	* P76114	P76072	mcbr_ecoli	stfr_ecoli
P76072	STFR_ECOLI	* Q9F557	P76072	q9f557_ecoli	stfr_ecoli
P76072	STFR_ECOLI	* P42604	P76072	uxaa_ecoli	stfr_ecoli
P76072	STFR_ECOLI	* P76017	P76072	ycgv_ecoli	stfr_ecoli
P76072	STFR_ECOLI	* P39199	P76072	yfcg_ecoli	stfr_ecoli
P0ACG1	STPA_ECOLI	* P0A6M4	P0ACG1	dtd_ecoli	stpa_ecoli
P0ACG1	STPA_ECOLI	* P06968	P0ACG1	dut_ecoli	stpa_ecoli
P0ACG1	STPA_ECOLI	* P0ACF8	P0ACG1	hns_ecoli	stpa_ecoli
P0ACG1	STPA_ECOLI	* P0ACF8	P0ACG1	hns_ecoli	stpa_ecoli
P0ACG1	STPA_ECOLI	* P30958	P0ACG1	mfd_ecoli	stpa_ecoli
P0ACG1	STPA_ECOLI	* P25738	P0ACG1	msyb_ecoli	stpa_ecoli
P0ACG1	STPA_ECOLI	* P0A759	P0ACG1	nagb_ecoli	stpa_ecoli
P0ACG1	STPA_ECOLI	* P0AFK9	P0ACG1	potd_ecoli	stpa_ecoli
P0ACG1	STPA_ECOLI	* P0AEI4	P0ACG1	rimo_ecoli	stpa_ecoli
P0ACG1	STPA_ECOLI	* P27253	P0ACG1	sbm_ecoli	stpa_ecoli
P0ACG1	STPA_ECOLI	* P33570	P0ACG1	tk2_ecoli	stpa_ecoli
P0ACG1	STPA_ECOLI	* P0AED0	P0ACG1	uspa_ecoli	stpa_ecoli
P0ACG1	STPA_ECOLI	* P0AFP6	P0ACG1	ybgj_ecoli	stpa_ecoli
P0ACG1	STPA_ECOLI	* P0A8Z0	P0ACG1	ycia_ecoli	stpa_ecoli
P0ACG1	STPA_ECOLI	* P0A8A0	P0ACG1	yebc_ecoli	stpa_ecoli
P0ACG1	STPA_ECOLI	* P39407	P0ACG1	yjjj_ecoli	stpa_ecoli
P0A836	SUCC_ECOLI	* P0AA25	P0A836	thio_ecoli	succ_ecoli

P0A836	SUCC_ECOLI	* P0AA25	P0A836	thio_ecoli	succ_ecoli
P0AGE9	SUCD_ECOLI	* P0A9P6	P0AGE9	dead_ecoli	sucd_ecoli
P0AGE9	SUCD_ECOLI	* P0ACD4	P0AGE9	nifu_ecoli	sucd_ecoli
P0AGE9	SUCD_ECOLI	* P0A836	P0AGE9	succ_ecoli	sucd_ecoli
P0AGE9	SUCD_ECOLI	* P0A836	P0AGE9	succ_ecoli	sucd_ecoli
P0AGE9	SUCD_ECOLI	* P0A836	P0AGE9	succ_ecoli	sucd_ecoli
P0AGE9	SUCD_ECOLI	* P0AA25	P0AGE9	thio_ecoli	sucd_ecoli
P0AGE9	SUCD_ECOLI	* P0AA25	P0AGE9	thio_ecoli	sucd_ecoli
P77499	SUFC_ECOLI	* P05050	P77499	alkb_ecoli	sufc_ecoli
P77499	SUFC_ECOLI	* P0A9P6	P77499	dead_ecoli	sufc_ecoli
P77499	SUFC_ECOLI	* P0A707	P77499	if3_ecoli	sufc_ecoli
P77499	SUFC_ECOLI	* P77522	P77499	sufb_ecoli	sufc_ecoli
P77499	SUFC_ECOLI	* Q47269	P77499	ybcn_ecoli	sufc_ecoli
P77499	SUFC_ECOLI	* P0AGJ5	P77499	yfif_ecoli	sufc_ecoli
P77444	SUFS_ECOLI	none			
P0ABZ6	SURA_ECOLI	none			
P00957	SYA_ECOLI	* P24177	P00957	acrd_ecoli	sya_ecoli
P00957	SYA_ECOLI	* P63284	P00957	clpb_ecoli	sya_ecoli
P00957	SYA_ECOLI	* P0A6Y8	P00957	dnak_ecoli	sya_ecoli
P00957	SYA_ECOLI	* P17169	P00957	glms_ecoli	sya_ecoli
P00957	SYA_ECOLI	* P27249	P00957	glnd_ecoli	sya_ecoli
P00957	SYA_ECOLI	* P0ACR9	P00957	mpra_ecoli	sya_ecoli
P00957	SYA_ECOLI	* P24205	P00957	msbb_ecoli	sya_ecoli
P00957	SYA_ECOLI	* P02918	P00957	pbpa_ecoli	sya_ecoli
P00957	SYA_ECOLI	* P37765	P00957	rlub_ecoli	sya_ecoli
P00957	SYA_ECOLI	* P06612	P00957	top1_ecoli	sya_ecoli
P00957	SYA_ECOLI	* P45508	P00957	yfal_ecoli	sya_ecoli
P00957	SYA_ECOLI	* P76464	P00957	yfas_ecoli	sya_ecoli
P00957	SYA_ECOLI	* P52126	P00957	yfjk_ecoli	sya_ecoli
P21888	SYC_ECOLI	* P32131	P21888	hemn_ecoli	syc_ecoli
P21889	SYD_ECOLI	* P0ABI4	P21889	cora_ecoli	syd_ecoli
P21889	SYD_ECOLI	* P31459	P21889	dgok_ecoli	syd_ecoli
P21889	SYD_ECOLI	* P03004	P21889	dnaa_ecoli	syd_ecoli
P21889	SYD_ECOLI	* P0A6Y8	P21889	dnak_ecoli	syd_ecoli
P21889	SYD_ECOLI	* P04949	P21889	flic_ecoli	syd_ecoli
P21889	SYD_ECOLI	* P08192	P21889	folc_ecoli	syd_ecoli
P21889	SYD_ECOLI	* P05042	P21889	fumc_ecoli	syd_ecoli
P21889	SYD_ECOLI	* P0AEP7	P21889	gcl_ecoli	syd_ecoli

P21889	SYD_ECOLI	*	P0A796	P21889	k6pf1_ecoli	syd_ecoli
P21889	SYD_ECOLI	*	P0A9I5	P21889	napd_ecoli	syd_ecoli
P21889	SYD_ECOLI	*	Q57083	P21889	perr_ecoli	syd_ecoli
P21889	SYD_ECOLI	*	P0ABS5	P21889	prim_ecoli	syd_ecoli
P21889	SYD_ECOLI	*	P0A7J3	P21889	rl10_ecoli	syd_ecoli
P21889	SYD_ECOLI	*	P0A7Z4	P21889	rpoa_ecoli	syd_ecoli
P21889	SYD_ECOLI	*	P0A7Z4	P21889	rpoa_ecoli	syd_ecoli
P21889	SYD_ECOLI	*	P37680	P21889	sgbe_ecoli	syd_ecoli
P21889	SYD_ECOLI	*	P77221	P21889	yahg_ecoli	syd_ecoli
P21889	SYD_ECOLI	*	P39165	P21889	ycho_ecoli	syd_ecoli
P21889	SYD_ECOLI	*	P77721	P21889	ydjf_ecoli	syd_ecoli
P04805	SYE_ECOLI	*	P0ABD8	P04805	bccp_ecoli	sy_e_coli
P04805	SYE_ECOLI	*	P0ABK5	P04805	cysk_ecoli	sy_e_coli
P04805	SYE_ECOLI	*	P0A6L0	P04805	deoc_ecoli	sy_e_coli
P04805	SYE_ECOLI	*	P0A6P9	P04805	eno_ecoli	sy_e_coli
P04805	SYE_ECOLI	*	P0AEM4	P04805	flgm_ecoli	sy_e_coli
P04805	SYE_ECOLI	*	P0ACK8	P04805	fucr_ecoli	sy_e_coli
P04805	SYE_ECOLI	*	P00946	P04805	mana_ecoli	sy_e_coli
P04805	SYE_ECOLI	*	P12994	P04805	ybh_b_ecoli	sy_e_coli
P04805	SYE_ECOLI	*	P0AD10	P04805	yecj_ecoli	sy_e_coli
P04805	SYE_ECOLI	*	P46837	P04805	yhgf_ecoli	sy_e_coli
P07395	SYFB_ECOLI	*	P46883	P07395	amo_ecoli	syfb_ecoli
P07395	SYFB_ECOLI	*	P0C7L2	P07395	paaj_ecoli	syfb_ecoli
P07395	SYFB_ECOLI	*	P08312	P07395	syfa_ecoli	syfb_ecoli
P07395	SYFB_ECOLI	*	P08312	P07395	syfa_ecoli	syfb_ecoli
P07395	SYFB_ECOLI	*	P08312	P07395	syfa_ecoli	syfb_ecoli
P07395	SYFB_ECOLI	*	P11875	P07395	syr_ecoli	syfb_ecoli
P07395	SYFB_ECOLI	*	P42604	P07395	uxaa_ecoli	syfb_ecoli
P07395	SYFB_ECOLI	*	P52126	P07395	yfjk_ecoli	syfb_ecoli
P00960	SYGA_ECOLI	*	P68688	P00960	glrx1_ecoli	syga_ecoli
P00960	SYGA_ECOLI	*	P33232	P00960	lidd_ecoli	syga_ecoli
P00960	SYGA_ECOLI	*	P0A817	P00960	metk_ecoli	syga_ecoli
P00960	SYGA_ECOLI	*	P30748	P00960	moad_ecoli	syga_ecoli
P00960	SYGA_ECOLI	*	P30749	P00960	moae_ecoli	syga_ecoli
P00960	SYGA_ECOLI	*	P0A9X4	P00960	mreb_ecoli	syga_ecoli
P00961	SYGB_ECOLI	*	P0AES4	P00961	gyra_ecoli	sygb_ecoli
P00961	SYGB_ECOLI	*	P0AES6	P00961	gyrb_ecoli	sygb_ecoli
P00961	SYGB_ECOLI	*	P0A8D0	P00961	nrdr_ecoli	sygb_ecoli
P00961	SYGB_ECOLI	*	P15640	P00961	pur2_ecoli	sygb_ecoli
P00961	SYGB_ECOLI	*	P25741	P00961	rfap_ecoli	sygb_ecoli
P00961	SYGB_ECOLI	*	P0AEU7	P00961	skp_ecoli	sygb_ecoli

P00961	SYGB_ECOLI	* P0AGC7	P00961	smp_ecoli	sygb_ecoli
P00956	SYI_ECOLI	* P32176	P00956	fdog_ecoli	syi_ecoli
P00956	SYI_ECOLI	* P0AEM0	P00956	fkbx_ecoli	syi_ecoli
P00956	SYI_ECOLI	* P31057	P00956	panb_ecoli	syi_ecoli
P00956	SYI_ECOLI	* P30850	P00956	rnb_ecoli	syi_ecoli
P00956	SYI_ECOLI	* P0A8N5	P00956	syk2_ecoli	syi_ecoli
P0A8N3	SYK1_ECOLI	* P0AAM3	P0A8N3	hycp_ecoli	syk1_ecoli
P0A8N3	SYK1_ECOLI	* P39346	P0A8N3	idnd_ecoli	syk1_ecoli
P0A8N3	SYK1_ECOLI	* P61889	P0A8N3	mdh_ecoli	syk1_ecoli
P0A8N3	SYK1_ECOLI	* P31828	P0A8N3	pqq1_ecoli	syk1_ecoli
P0A8N3	SYK1_ECOLI	* P36979	P0A8N3	rlmn_ecoli	syk1_ecoli
P0A8N3	SYK1_ECOLI	* P27253	P0A8N3	sbm_ecoli	syk1_ecoli
P0A8N3	SYK1_ECOLI	* P11868	P0A8N3	tdcd_ecoli	syk1_ecoli
P0A8N3	SYK1_ECOLI	* P37440	P0A8N3	ucpa_ecoli	syk1_ecoli
P0A8N3	SYK1_ECOLI	* P43672	P0A8N3	uup_ecoli	syk1_ecoli
P0A8N3	SYK1_ECOLI	* P0AFP2	P0A8N3	ybaz_ecoli	syk1_ecoli
P0A8N3	SYK1_ECOLI	* P33030	P0A8N3	yeir_ecoli	syk1_ecoli
P0A8N5	SYK2_ECOLI	* P0ABD5	P0A8N5	acca_ecoli	syk2_ecoli
P0A8N5	SYK2_ECOLI	* P32177	P0A8N5	fdhd_ecoli	syk2_ecoli
P0A8N5	SYK2_ECOLI	* P68066	P0A8N5	grca_ecoli	syk2_ecoli
P0A8N5	SYK2_ECOLI	* P0A9X4	P0A8N5	mreb_ecoli	syk2_ecoli
P0A8N5	SYK2_ECOLI	* P36979	P0A8N5	rlmn_ecoli	syk2_ecoli
P0A8N5	SYK2_ECOLI	* P0ACA3	P0A8N5	sspa_ecoli	syk2_ecoli
P0A8N5	SYK2_ECOLI	* P0A858	P0A8N5	tpis_ecoli	syk2_ecoli
P07813	SYL_ECOLI	* P15042	P07813	dnlj_ecoli	syl_ecoli
P07813	SYL_ECOLI	* P61889	P07813	mdh_ecoli	syl_ecoli
P07813	SYL_ECOLI	* P40874	P07813	mtox_ecoli	syl_ecoli
P07813	SYL_ECOLI	* P06612	P07813	top1_ecoli	syl_ecoli
P00959	SYM_ECOLI	* P23862	P00959	pric_ecoli	sym_ecoli
P00959	SYM_ECOLI	* Q57261	P00959	trud_ecoli	sym_ecoli
P0A8M0	SYN_ECOLI	* P21889	P0A8M0	syd_ecoli	syn_ecoli
P0A8M0	SYN_ECOLI	* P0A8G3	P0A8M0	uxac_ecoli	syn_ecoli
P16659	SYP_ECOLI	* P07363	P16659	chea_ecoli	syp_ecoli
P16659	SYP_ECOLI	* P17846	P16659	cysi_ecoli	syp_ecoli
P16659	SYP_ECOLI	* P0A6Y8	P16659	dnak_ecoli	syp_ecoli
P16659	SYP_ECOLI	* P0ABQ4	P16659	dyr_ecoli	syp_ecoli
P16659	SYP_ECOLI	* P0AEM6	P16659	flia_ecoli	syp_ecoli
P16659	SYP_ECOLI	* P04949	P16659	flic_ecoli	syp_ecoli

P16659	SYP_ECOLI	* P0ABZ1	P16659	flig_ecoli	syp_ecoli
P16659	SYP_ECOLI	* P52612	P16659	flii_ecoli	syp_ecoli
P16659	SYP_ECOLI	* P0C054	P16659	ibpa_ecoli	syp_ecoli
P16659	SYP_ECOLI	* P77432	P16659	lsrk_ecoli	syp_ecoli
P16659	SYP_ECOLI	* P27896	P16659	narq_ecoli	syp_ecoli
P16659	SYP_ECOLI	* P07004	P16659	proa_ecoli	syp_ecoli
P16659	SYP_ECOLI	* P0AG07	P16659	rpe_ecoli	syp_ecoli
P16659	SYP_ECOLI	* P28904	P16659	trec_ecoli	syp_ecoli
P16659	SYP_ECOLI	* P27836	P16659	wecg_ecoli	syp_ecoli
P00962	SYQ_ECOLI	* P0ABK5	P00962	cysk_ecoli	syq_ecoli
P00962	SYQ_ECOLI	* P24169	P00962	dcos_ecoli	syq_ecoli
P00962	SYQ_ECOLI	* P0A6Q6	P00962	fabz_ecoli	syq_ecoli
P00962	SYQ_ECOLI	* P21645	P00962	lpxd_ecoli	syq_ecoli
P00962	SYQ_ECOLI	* P0A8I5	P00962	trmb_ecoli	syq_ecoli
P11875	SYR_ECOLI	* P0AES4	P11875	gyra_ecoli	syr_ecoli
P11875	SYR_ECOLI	* P09158	P11875	spee_ecoli	syr_ecoli
P11875	SYR_ECOLI	* P77165	P11875	yagt_ecoli	syr_ecoli
P11875	SYR_ECOLI	* P0A8A0	P11875	yebc_ecoli	syr_ecoli
POA8L1	SYS_ECOLI	* P05100	POA8L1	3mg1_ecoli	sys_ecoli
POA8L1	SYS_ECOLI	* P0A972	POA8L1	cspe_ecoli	sys_ecoli
POA8L1	SYS_ECOLI	* P0AEE8	POA8L1	dma_ecoli	sys_ecoli
POA8L1	SYS_ECOLI	* P42593	POA8L1	fadh_ecoli	sys_ecoli
POA8L1	SYS_ECOLI	* P0A9K9	POA8L1	slyd_ecoli	sys_ecoli
POA8L1	SYS_ECOLI	* P0ACA3	POA8L1	sspa_ecoli	sys_ecoli
POA8L1	SYS_ECOLI	* P0A8N5	POA8L1	syk2_ecoli	sys_ecoli
POA8L1	SYS_ECOLI	* P64479	POA8L1	ydiz_ecoli	sys_ecoli
POA8L1	SYS_ECOLI	* P31443	POA8L1	yidf_ecoli	sys_ecoli
POA8M3	SYT_ECOLI	* P46883	POA8M3	amo_ecoli	syt_ecoli
POA8M3	SYT_ECOLI	* P28249	POA8M3	asma_ecoli	syt_ecoli
POA8M3	SYT_ECOLI	* P0A9F3	POA8M3	cysb_ecoli	syt_ecoli
POA8M3	SYT_ECOLI	* P0ACB0	POA8M3	dnab_ecoli	syt_ecoli
POA8M3	SYT_ECOLI	* P0ABQ4	POA8M3	dyr_ecoli	syt_ecoli
POA8M3	SYT_ECOLI	* P0AC55	POA8M3	glnk_ecoli	syt_ecoli
POA8M3	SYT_ECOLI	* P62707	POA8M3	gpma_ecoli	syt_ecoli
POA8M3	SYT_ECOLI	* P0A6W5	POA8M3	grea_ecoli	syt_ecoli
POA8M3	SYT_ECOLI	* P0A754	POA8M3	keff_ecoli	syt_ecoli
POA8M3	SYT_ECOLI	* P21599	POA8M3	kpyk2_ecoli	syt_ecoli
POA8M3	SYT_ECOLI	* P22731	POA8M3	livf_ecoli	syt_ecoli
POA8M3	SYT_ECOLI	* P02358	POA8M3	rs6_ecoli	syt_ecoli
POA8M3	SYT_ECOLI	* P0AFZ3	POA8M3	sspb_ecoli	syt_ecoli
POA8M3	SYT_ECOLI	* Q47719	POA8M3	y4286_ecoli	syt_ecoli

P0A8M3	SYT_ECOLI	* P28634	P0A8M3	yaeb_ecoli	syt_ecoli
P0A8M3	SYT_ECOLI	* P0AAQ6	P0A8M3	ybaa_ecoli	syt_ecoli
P0A8M3	SYT_ECOLI	* P41039	P0A8M3	ybii_ecoli	syt_ecoli
P0A8M3	SYT_ECOLI	* P0AB06	P0A8M3	ycbk_ecoli	syt_ecoli
P0A8M3	SYT_ECOLI	* P76100	P0A8M3	ydck_ecoli	syt_ecoli
P0A8M3	SYT_ECOLI	* P77286	P0A8M3	ydeu_ecoli	syt_ecoli
P0A8M3	SYT_ECOLI	* P76594	P0A8M3	yfiq_ecoli	syt_ecoli
P0A8M3	SYT_ECOLI	* P0A8Y5	P0A8M3	yida_ecoli	syt_ecoli
P0A8M3	SYT_ECOLI	* P75992	P0A8M3	ymga_ecoli	syt_ecoli
P07118	SYV_ECOLI	* P0CE47	P07118	eftu1_ecoli	syv_ecoli
P07118	SYV_ECOLI	* P37330	P07118	masz_ecoli	syv_ecoli
P07118	SYV_ECOLI	* Q46814	P07118	xdhd_ecoli	syv_ecoli
P07118	SYV_ECOLI	* P75767	P07118	ybhk_ecoli	syv_ecoli
P00954	SYW_ECOLI	none			
P0AGJ9	SYV_ECOLI	* P0AD61	P0AGJ9	kpyk1_ecoli	syy_ecoli
P25239	T257_ECOLX	none			
P0A867	TALA_ECOLI	* P37794	P0A867	chbg_ecoli	tala_ecoli
P0A867	TALA_ECOLI	* P76129	P0A867	dosp_ecoli	tala_ecoli
P0A867	TALA_ECOLI	* P77445	P0A867	eute_ecoli	tala_ecoli
P0A867	TALA_ECOLI	* P28305	P0A867	pabc_ecoli	tala_ecoli
P0A867	TALA_ECOLI	* P33643	P0A867	rlud_ecoli	tala_ecoli
P0A867	TALA_ECOLI	* P37610	P0A867	taud_ecoli	tala_ecoli
P0A867	TALA_ECOLI	* P77260	P0A867	ydfi_ecoli	tala_ecoli
P0A867	TALA_ECOLI	* P11664	P0A867	yggc_ecoli	tala_ecoli
P0A870	TALB_ECOLI	* P77425	P0A870	allc_ecoli	talb_ecoli
P0A870	TALB_ECOLI	* P37617	P0A870	atzn_ecoli	talb_ecoli
P0A870	TALB_ECOLI	* P0ADR6	P0A870	rlmm_ecoli	talb_ecoli
P0A870	TALB_ECOLI	* P0AA25	P0A870	thio_ecoli	talb_ecoli
P0A9T4	TAS_ECOLI	none			
P69428	TATA_ECOLI	none			
P0AGL2	TDCF_ECOLI	none			
P07913	TDH_ECOLI	* P0AB77	P07913	kbl_ecoli	tdh_ecoli
P07913	TDH_ECOLI	* P76535	P07913	murq_ecoli	tdh_ecoli
P07913	TDH_ECOLI	* P64483	P07913	yeak_ecoli	tdh_ecoli

P25397	TEHB_ECOLI	* P0A968	P25397	cspd_ecoli	tehb_ecoli
P25397	TEHB_ECOLI	* P0A9R4	P25397	fer_ecoli	tehb_ecoli
P25397	TEHB_ECOLI	* P76514	P25397	yfdr_ecoli	tehb_ecoli
P0AGG2	TESB_ECOLI	none			
P0A847	TGT_ECOLI	* P0AES0	P0A847	gsp_ecoli	tgt_ecoli
P0A847	TGT_ECOLI	* P0A6X3	P0A847	hfg_ecoli	tgt_ecoli
P0A847	TGT_ECOLI	* P0A7I4	P0A847	rf3_ecoli	tgt_ecoli
P0A847	TGT_ECOLI	* P21499	P0A847	rnr_ecoli	tgt_ecoli
P0A847	TGT_ECOLI	* P03018	P0A847	uvrd_ecoli	tgt_ecoli
P07464	THGA_ECOLI	* P0A850	P07464	tig_ecoli	thga_ecoli
P07464	THGA_ECOLI	* P77295	P07464	ygav_ecoli	thga_ecoli
P77718	THII_ECOLI	* P0A951	P77718	atda_ecoli	thii_ecoli
P77718	THII_ECOLI	* P05523	P77718	fpg_ecoli	thii_ecoli
P77718	THII_ECOLI	* P77791	P77718	maa_ecoli	thii_ecoli
P77718	THII_ECOLI	* P0A805	P77718	rrf_ecoli	thii_ecoli
P77718	THII_ECOLI	* P0AGG4	P77718	thio2_ecoli	thii_ecoli
P77718	THII_ECOLI	* P0AA97	P77718	yaeq_ecoli	thii_ecoli
P77718	THII_ECOLI	* P37052	P77718	ychj_ecoli	thii_ecoli
P77718	THII_ECOLI	* P08245	P77718	ycih_ecoli	thii_ecoli
P77718	THII_ECOLI	* P33030	P77718	yeir_ecoli	thii_ecoli
Q46948	THIJ_ECOLI	none			
P75948	THIK_ECOLI	none			
P0AGG0	THIL_ECOLI	none			
P0AA25	THIO_ECOLI	none			
P00934	THRC_ECOLI	none			
P31142	THTM_ECOLI	* P0A8A0	P31142	yebc_ecoli	thtm_ecoli
Q9XD84	TIBA_ECOLX	none			
P0A850	TIG_ECOLI	* P0A6F9	P0A850	ch10_ecoli	tig_ecoli
P0A850	TIG_ECOLI	* P0A6F9	P0A850	ch10_ecoli	tig_ecoli
P0A850	TIG_ECOLI	* P0A6F5	P0A850	ch60_ecoli	tig_ecoli
P0A850	TIG_ECOLI	* P0A6G7	P0A850	clpp_ecoli	tig_ecoli
P0A850	TIG_ECOLI	* P36943	P0A850	eaeh_ecoli	tig_ecoli
P0A850	TIG_ECOLI	* P0A6Q3	P0A850	faba_ecoli	tig_ecoli

POA850	TIG_ECOLI	*	P0A6S0	POA850	flgh_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P0AFS3	POA850	folm_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P0A9Z1	POA850	glnb_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P0A6X3	POA850	hfq_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P0ACF8	POA850	hns_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P0AAM3	POA850	hypc_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P0A7A9	POA850	ipyr_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P0A7A9	POA850	ipyr_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P21599	POA850	kpyk2_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P21599	POA850	kpyk2_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P0A817	POA850	metk_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P0A910	POA850	ompa_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P75793	POA850	pflf_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P0A9M8	POA850	pta_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P0A7D7	POA850	pur7_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P0A7D7	POA850	pur7_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P04983	POA850	rbsa_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P0A800	POA850	rpoz_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P02359	POA850	rs7_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P0A8G3	POA850	uxac_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P64476	POA850	ydh_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P39199	POA850	yfcb_ecoli	tig_ecoli
POA850	TIG_ECOLI	*	P39199	POA850	yfcb_ecoli	tig_ecoli
P27302	TKT1_ECOLI		none			
Q46731	TN5P_ECOLX		none			
Q46731-2	TN5P_ECOLX		none			
POA853	TNAA_ECOLI	*	P09373	Q8FBV2	pflb_ecoli	tnaa_ecol6
POA853	TNAA_ECOLI	*	P31658	POA853	hcha_ecoli	tnaa_ecoli
POA853	TNAA_ECOLI	*	P77319	POA853	hsccl_ecoli	tnaa_ecoli
POA853	TNAA_ECOLI	*	P38051	POA853	menf_ecoli	tnaa_ecoli
POA853	TNAA_ECOLI	*	Q46865	POA853	mqsrl_ecoli	tnaa_ecoli
POA853	TNAA_ECOLI	*	P0A8V0	POA853	rnz_ecoli	tnaa_ecoli
POA853	TNAA_ECOLI	*	P0A8N5	POA853	syk2_ecoli	tnaa_ecoli
POA853	TNAA_ECOLI	*	Q47537	POA853	taua_ecoli	tnaa_ecoli
POA853	TNAA_ECOLI	*	P0AA25	POA853	thio_ecoli	tnaa_ecoli
POA853	TNAA_ECOLI	*	P60472	POA853	upps_ecoli	tnaa_ecoli
P13694	TNP7_ECOLX		none			
POA855	TOLB_ECOLI		none			
P06612	TOP1_ECOLI	*	P0AAF6	P06612	artp_ecoli	top1_ecoli

P06612	TOP1_ECOLI	*	P0A9Y6	P06612	cspc_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P31068	P06612	flih_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P0A9S3	P06612	gatd_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P27249	P06612	glnd_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P28905	P06612	holc_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P28905	P06612	holc_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P0ABS8	P06612	hole_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P77319	P06612	hscd_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P19930	P06612	hyad_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P39377	P06612	iada_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P24205	P06612	msbb_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P52647	P06612	nifj_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P15043	P06612	recq_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P77611	P06612	rnfc_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P0A7Y4	P06612	rnh_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P0A7Y4	P06612	rnh_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P36929	P06612	rsmb_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P15373	P06612	soha_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P0A850	P06612	tig_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P0A879	P06612	trpb_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P77279	P06612	ybbl_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P77627	P06612	yber_ecoli	top1_ecoli
P06612	TOP1_ECOLI	*	P27862	P06612	yigz_ecoli	top1_ecoli
P33226	TORC_ECOLI	*	P10441	P33226	lpxb_ecoli	torc_ecoli
P52005	TORY_ECOLI	*	Q9F541	P52005	q9f541_ecolx	tory_ecoli
P0A862	TPX_ECOLI	*	P0ABT2	P0A862	dps_ecoli	tpx_ecoli
P0A862	TPX_ECOLI	*	P0ACE7	P0A862	hint_ecoli	tpx_ecoli
P0A862	TPX_ECOLI	*	P37906	P0A862	puub_ecoli	tpx_ecoli
P0A862	TPX_ECOLI	*	P76422	P0A862	thid_ecoli	tpx_ecoli
P0A862	TPX_ECOLI	*	P0AA25	P0A862	thio_ecoli	tpx_ecoli
P14565	TRAI1_ECOLI		none			
P14565-2	TRAI1_ECOLI		none			
P22706	TRAI2_ECOLX		none			
Q00186	TRAM4_ECOLX		none			
P71198	TRAM5_ECOLX		none			
P24082	TRAN_ECOLI		none			

P28904	TREC_ECOLI		none			
P36673	TRER_ECOLI	*	P39280	P36673	yjek_ecoli	trer_ecoli
P36673	TRER_ECOLI	*	P39333	P36673	yjgi_ecoli	trer_ecoli
P0A8I5	TRMB_ECOLI	*	Q47153	P0A8I5	fhia_ecoli	trmb_ecoli
P0A8I5	TRMB_ECOLI	*	P46854	P0A8I5	yhhy_ecoli	trmb_ecoli
P0AGJ2	TRMH_ECOLI	*	P0AG24	P0AGJ2	spot_ecoli	trmh_ecoli
P0AGJ2	TRMH_ECOLI	*	P77627	P0AGJ2	yber_ecoli	trmh_ecoli
P0AE01	TRMJ_ECOLI	*	P0AEF4	P0AE01	dpia_ecoli	trmj_ecoli
P0AE01	TRMJ_ECOLI	*	P27241	P0AE01	rfaz_ecoli	trmj_ecoli
P60340	TRUB_ECOLI		none			
P0A9P4	TRXB_ECOLI	*	P0ACJ0	P0A9P4	lrp_ecoli	trxb_ecoli
P0A9P4	TRXB_ECOLI	*	P33136	P0A9P4	opgg_ecoli	trxb_ecoli
P0A9P4	TRXB_ECOLI	*	P0AA25	P0A9P4	thio_ecoli	trxb_ecoli
P0A9P4	TRXB_ECOLI	*	P75914	P0A9P4	ycdx_ecoli	trxb_ecoli
P16525	TUS_ECOLI		none			
P45531	TUSC_ECOLI	*	P36659	P45531	cbpa_ecoli	tusc_ecoli
P32132	TYP_A_ECOLI	*	P0A898	P32132	ybey_ecoli	typa_ecoli
P32132	TYP_A_ECOLI	*	P27862	P32132	yigz_ecoli	typa_ecoli
P07604	TYRR_ECOLI	*	P10902	P07604	nadb_ecoli	tyrr_ecoli
P07604	TYRR_ECOLI	*	P04391	P07604	otc1_ecoli	tyrr_ecoli
P0A6A0	UBIB_ECOLI	*	P77218	P0A6A0	eutd_ecoli	ubib_ecoli
P0A6A0	UBIB_ECOLI	*	P28905	P0A6A0	holc_ecoli	ubib_ecoli
P0A6A0	UBIB_ECOLI	*	P0ABS8	P0A6A0	hole_ecoli	ubib_ecoli
P0A6A0	UBIB_ECOLI	*	P32162	P0A6A0	yiis_ecoli	ubib_ecoli
P75728	UBIF_ECOLI	*	P0ADQ2	P75728	yiid_ecoli	ubif_ecoli
P12758	UDP_ECOLI	*	P0A9F9	P12758	metr_ecoli	udp_ecoli
P12758	UDP_ECOLI	*	P0AA25	P12758	thio_ecoli	udp_ecoli
P39304	ULAD_ECOLI	*	P27249	P39304	glnd_ecoli	ulad_ecoli
P0A9W0	ULAR_ECOLI	*	P45523	P0A9W0	fkba_ecoli	ular_ecoli
P0A9W0	ULAR_ECOLI	*	P76594	P0A9W0	yfiq_ecoli	ular_ecoli

P0A8F0	UPP_ECOLI	* P76483	P0A8F0	yfbm_ecoli	upp_ecoli
P32326	URER_ECOLDX	none			
P08390	USG_ECOLI	* P0A6K3	P08390	def_ecoli	usg_ecoli
P0AED0	USPA_ECOLI	* P0C054	P0AED0	ibpa_ecoli	uspa_ecoli
P0AED0	USPA_ECOLI	* P0AFF6	P0AED0	nusa_ecoli	uspa_ecoli
P0AED0	USPA_ECOLI	* P0A7E9	P0AED0	pyrh_ecoli	uspa_ecoli
P0AAB8	USPD_ECOLI	* P32162	P0AAB8	yiis_ecoli	uspd_ecoli
P0AAC0	USPE_ECOLI	none			
P37903	USPF_ECOLI	none			
P39177	USPG_ECOLI	* P30859	P39177	arti_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P30860	P39177	artj_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P0A6F5	P39177	ch60_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P0A9H9	P39177	chez_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P76213	P39177	cho_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P36995	P39177	cspb_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P0A9Y6	P39177	cspc_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P0A972	P39177	cspe_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P0A978	P39177	cspg_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P0A986	P39177	cspi_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P0ACF4	P39177	dbhb_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P0ABS1	P39177	dksa_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P0CE47	P39177	eftu1_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P0ADI4	P39177	entb_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P09030	P39177	ex3_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P31068	P39177	flih_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P0A9A6	P39177	ftsz_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P68688	P39177	glrx1_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P0AET8	P39177	hdha_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P0A6X3	P39177	hfq_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P51020	P39177	hoa_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P0C054	P39177	ibpa_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P10441	P39177	lpxb_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P0A9X4	P39177	mreb_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P17443	P39177	murg_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P75960	P39177	npd_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P0AFC0	P39177	nudb_ecoli	uspg_ecoli
P39177	USPG_ECOLI	* P18133	P39177	pncb_ecoli	uspg_ecoli

P39177	USPG_ECOLI	*	P31133	P39177	potf_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P0A7E1	P39177	pyrd_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P0A7E9	P39177	pyrh_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P69411	P39177	rscf_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P24173	P39177	rfac_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P37692	P39177	rfaf_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P0AG30	P39177	rho_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P0AEI4	P39177	rimo_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P60422	P39177	rl2_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P0AA39	P39177	rluc_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P0AFW4	P39177	rnk_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P52108	P39177	rsta_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P0ACU2	P39177	rutr_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P09158	P39177	spee_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P80645	P39177	ssud_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P19934	P39177	tola_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P0ACT6	P39177	uidr_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P0A8E5	P39177	yacl_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P0A8E5	P39177	yacl_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P37008	P39177	yagb_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P31545	P39177	ycdb_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P0AB24	P39177	ycdo_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P75914	P39177	ycdx_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P75915	P39177	ycdy_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P52645	P39177	ydbh_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P0AD07	P39177	yecf_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P77196	P39177	yfcu_ecoli	uspg_ecoli
P39177	USPG_ECOLI	*	P76569	P39177	yfgd_ecoli	uspg_ecoli
P43672	UUP_ECOLI	*	P0A705	P43672	if2_ecoli	uup_ecoli
P43672	UUP_ECOLI	*	P43671	P43672	pqib_ecoli	uup_ecoli
P43672	UUP_ECOLI	*	P24211	P43672	rhse_ecoli	uup_ecoli
P43672	UUP_ECOLI	*	P77552	P43672	ydhq_ecoli	uup_ecoli
P43672	UUP_ECOLI	*	P0ADK6	P43672	yiba_ecoli	uup_ecoli
P43672	UUP_ECOLI	*	P11290	P43672	yibd_ecoli	uup_ecoli
P0A698	UVRA_ECOLI	*	P77555	P0A698	alld_ecoli	uvra_ecoli
P0A698	UVRA_ECOLI	*	P0A6E4	P0A698	assy_ecoli	uvra_ecoli
P0A698	UVRA_ECOLI	*	P00864	P0A698	capp_ecoli	uvra_ecoli
P0A698	UVRA_ECOLI	*	P07648	P0A698	ex5c_ecoli	uvra_ecoli
P0A698	UVRA_ECOLI	*	P28905	P0A698	holc_ecoli	uvra_ecoli
P0A698	UVRA_ECOLI	*	P0A749	P0A698	mura_ecoli	uvra_ecoli
P0A698	UVRA_ECOLI	*	P0AFF6	P0A698	nusa_ecoli	uvra_ecoli
P0A698	UVRA_ECOLI	*	P0A850	P0A698	tig_ecoli	uvra_ecoli

P0A8G0	UVRC_ECOLI	* P37128	P0A8G0	nudk_ecoli	uvrc_ecoli
P39160	UXUB_ECOLI	* P0A6Y1	P39160	ihfb_ecoli	uxub_ecoli
P25535	VISC_ECOLI	* P00805	P25535	aspg2_ecoli	visc_ecoli
P25535	VISC_ECOLI	* P52061	P25535	rdgb_ecoli	visc_ecoli
P25535	VISC_ECOLI	* P77489	P25535	yagr_ecoli	visc_ecoli
P0ACD2	WCAF_ECOLI	* P04335	P0ACD2	frsa_ecoli	wcaf_ecoli
P27828	WECB_ECOLI	none			
P27829	WECC_ECOLI	none			
P0A8G6	WRBA_ECOLI	* P0A8N5	P0A8G6	syk2_ecoli	wrba_ecoli
P0A8P8	XERD_ECOLI	none			
P0A9M5	XGPT_ECOLI	none			
P36879	YADG_ECOLI	* P69910	P36879	dceb_ecoli	yadg_ecoli
P36879	YADG_ECOLI	* P16682	P36879	phnd_ecoli	yadg_ecoli
P62768	YAEH_ECOLI	none			
P0A940	YAET_ECOLI	* P0AES0	P0A940	gsp_ecoli	yaet_ecoli
P0A940	YAET_ECOLI	* P0AEW6	P0A940	ingk_ecoli	yaet_ecoli
P0A940	YAET_ECOLI	* P0A903	P0A940	nlpb_ecoli	yaet_ecoli
P30864	YAFC_ECOLI	* P0AAF3	P30864	arag_ecoli	yafc_ecoli
P30864	YAFC_ECOLI	* P0A6J8	P30864	ddla_ecoli	yafc_ecoli
P30864	YAFC_ECOLI	* P69797	P30864	ptnab_ecoli	yafc_ecoli
P30864	YAFC_ECOLI	* P10907	P30864	ugpc_ecoli	yafc_ecoli
P30864	YAFC_ECOLI	* P71296	P30864	yagm_ecoli	yafc_ecoli
P77300	YAGI_ECOLI	none			
P77607	YAGL_ECOLI	none			
P77802	YAGX_ECOLI	* P0A9W0	P77802	ular_ecoli	yagx_ecoli
P21514	YAHA_ECOLI	none			
P75691	YAHK_ECOLI	* P0A996	P75691	glpc_ecoli	yahk_ecoli
P75691	YAHK_ECOLI	* Q9F577	P75691	q9f577_ecolx	yahk_ecoli

P51024	YAIL_ECOLI	* P0AEM9	P51024	fliy_ecoli	yail_ecoli
P0ADZ7	YAJC_ECOLI	* P0ABY4	P0ADZ7	flaw_ecoli	yajc_ecoli
P0ADZ7	YAJC_ECOLI	* P0ADZ7	P0ADZ7	yajc_ecoli	yajc_ecoli
P0A8E7	YAJQ_ECOLI	* P0A9I5	P0A8E7	napd_ecoli	yajq_ecoli
P0A8E7	YAJQ_ECOLI	* P0A9I5	P0A8E7	napd_ecoli	yajq_ecoli
P0A8E7	YAJQ_ECOLI	* P0A776	P0A8E7	rpph_ecoli	yajq_ecoli
P0A8E7	YAJQ_ECOLI	* P0AA25	P0A8E7	thio_ecoli	yajq_ecoli
P0A8E7	YAJQ_ECOLI	* P0AA25	P0A8E7	thio_ecoli	yajq_ecoli
P0A8E7	YAJQ_ECOLI	* P0AAS7	P0A8E7	ybcj_ecoli	yajq_ecoli
P77726	YAJR_ECOLI	none			
P0A8B5	YBAB_ECOLI	* P77624	P0A8B5	arcm_ecoli	ybab_ecoli
P0A8B5	YBAB_ECOLI	* P11557	P0A8B5	damx_ecoli	ybab_ecoli
P0A8B5	YBAB_ECOLI	* P0AEE8	P0A8B5	dma_ecoli	ybab_ecoli
P0A8B5	YBAB_ECOLI	* P0AC92	P0A8B5	gnsa_ecoli	ybab_ecoli
P0A8B5	YBAB_ECOLI	* P76141	P0A8B5	lsrr_ecoli	ybab_ecoli
P77528	YBCD_ECOLI	* Q46801	P77528	xdhc_ecoli	ybcd_ecoli
P37325	YBCH_ECOLI	none			
P77634	YBCM_ECOLI	none			
P77460	YBCY_ECOLI	none			
P0A8J4	YBED_ECOLI	* P0CE47	P0A8J4	eftu1_ecoli	ybed_ecoli
P0A8J4	YBED_ECOLI	* P0A9X4	P0A8J4	mreb_ecoli	ybed_ecoli
P0A8J4	YBED_ECOLI	* P0AA25	P0A8J4	thio_ecoli	ybed_ecoli
P0A8J4	YBED_ECOLI	* P0AA25	P0A8J4	thio_ecoli	ybed_ecoli
P0AAU7	YBFE_ECOLI	none			
P0A8Z3	YBGC_ECOLI	* P0A6A8	P0A8Z3	acp_ecoli	ybgc_ecoli
P0A8Z3	YBGC_ECOLI	* P0A6A8	P0A8Z3	acp_ecoli	ybgc_ecoli
P0A8Z3	YBGC_ECOLI	* P0A6A8	P0A8Z3	acp_ecoli	ybgc_ecoli
P0A8Z3	YBGC_ECOLI	* P0A6A8	P0A8Z3	acp_ecoli	ybgc_ecoli
P0A8Z3	YBGC_ECOLI	* P0A6A8	P0A8Z3	acp_ecoli	ybgc_ecoli
P0A8Z3	YBGC_ECOLI	* P0A7A7	P0A8Z3	plsb_ecoli	ybgc_ecoli
P0A8Z3	YBGC_ECOLI	* P33643	P0A8Z3	rlud_ecoli	ybgc_ecoli
P0AFP6	YBGI_ECOLI	* P28629	P0AFP6	adia_ecoli	ybgi_ecoli

P0AAV4	YBGJ_ECOLI	* P0A6A8	P0AAV4	acp_ecoli	ybgj_ecoli
P75745	YBGK_ECOLI	* P0AG86	P75745	secb_ecoli	ybgk_ecoli
P0AAW9	YBHT_ECOLI	none			
P30177	YBIB_ECOLI	* P24224	P30177	acps_ecoli	ybib_ecoli
P30177	YBIB_ECOLI	* P0AE78	P30177	corc_ecoli	ybib_ecoli
P30177	YBIB_ECOLI	* P27296	P30177	ding_ecoli	ybib_ecoli
P30177	YBIB_ECOLI	* P0A6W5	P30177	grea_ecoli	ybib_ecoli
P30177	YBIB_ECOLI	* P0A705	P30177	if2_ecoli	ybib_ecoli
P30177	YBIB_ECOLI	* P30749	P30177	moae_ecoli	ybib_ecoli
P30177	YBIB_ECOLI	* P52006	P30177	nudi_ecoli	ybib_ecoli
P30177	YBIB_ECOLI	* P31992	P30177	ppta_ecoli	ybib_ecoli
P30177	YBIB_ECOLI	* P0A884	P30177	tysy_ecoli	ybib_ecoli
P30177	YBIB_ECOLI	* P42624	P30177	yhak_ecoli	ybib_ecoli
P0AAX8	YBIS_ECOLI	none			
P75828	YBJD_ECOLI	* P0A6M8	P75828	efg_ecoli	ybjd_ecoli
P75828	YBJD_ECOLI	* P27896	P75828	narq_ecoli	ybjd_ecoli
P75828	YBJD_ECOLI	* P0AA39	P75828	rluc_ecoli	ybjd_ecoli
P0AAY6	YBJN_ECOLI	none			
P0A8C1	YBJQ_ECOLI	none			
P75829	YBJX_ECOLI	* P67910	P75829	hldd_ecoli	ybjx_ecoli
P21367	YCAC_ECOLI	none			
P75838	YCAO_ECOLI	* P76503	P75838	fadi_ecoli	ycao_ecoli
P75838	YCAO_ECOLI	* P33643	P75838	rlud_ecoli	ycao_ecoli
P75838	YCAO_ECOLI	* P10408	P75838	seca_ecoli	ycao_ecoli
P75838	YCAO_ECOLI	* P39177	P75838	uspg_ecoli	ycao_ecoli
P75838	YCAO_ECOLI	* P37657	P75838	yhjs_ecoli	ycao_ecoli
P22525	YCBB_ECOLI	* P0A6L2	P22525	dapa_ecoli	ycbb_ecoli
P22525	YCBB_ECOLI	* P0A832	P22525	ssrp_ecoli	ycbb_ecoli
P22525	YCBB_ECOLI	* P27242	P22525	waau_ecoli	ycbb_ecoli
P22525	YCBB_ECOLI	* P37750	P22525	wbbj_ecoli	ycbb_ecoli
P22525	YCBB_ECOLI	* P31449	P22525	yidl_ecoli	ycbb_ecoli
P22525	YCBB_ECOLI	* P0A8H6	P22525	yihi_ecoli	ycbb_ecoli
P22525	YCBB_ECOLI	* P76562	P22525	ypfi_ecoli	ycbb_ecoli

P0A8N0	YCBG_ECOLI	* P0AE52	P0A8N0	bcp_ecoli	ycbg_ecoli
P0A8N0	YCBG_ECOLI	* P77609	P0A8N0	flxa_ecoli	ycbg_ecoli
P0A8N0	YCBG_ECOLI	* P0AD21	P0A8N0	yejg_ecoli	ycbg_ecoli
P75849	YCBL_ECOLI	none			
P75874	YCCU_ECOLI	none			
P0AB28	YCED_ECOLI	none			
P0A729	YCEF_ECOLI	none			
P27431	YCFD_ECOLI	none			
P0A8E1	YCFP_ECOLI	none			
P75952	YCFQ_ECOLI	none			
P75961	YCFZ_ECOLI	* P0ACD4	P75961	nifu_ecoli	ycfz_ecoli
P29013	YCGB_ECOLI	none			
P76000	YCGI_ECOLI	none			
P37052	YCHJ_ECOLI	none			
P0A8L7	YCIU_ECOLI	none			
P76044	YCJR_ECOLI	none			
P77154	YCJT_ECOLI	* P19931	P77154	hyae_ecoli	ycjt_ecoli
P77615	YCJW_ECOLI	* Q46899	P77615	ygcj_ecoli	ycjw_ecoli
P77333	YCJZ_ECOLI	* P76558	P77333	mao2_ecoli	ycjz_ecoli
P77333	YCJZ_ECOLI	* P75959	P77333	nagk_ecoli	ycjz_ecoli
P38394	YDAE_ECOLI	* P36995	P38394	cspb_ecoli	ydae_ecoli
P76053	YDAL_ECOLI	* P0A756	P76053	kefg_ecoli	ydal_ecoli
P76069	YDAY_ECOLI	* P0A9X9	P76069	cspa_ecoli	yday_ecoli
P76069	YDAY_ECOLI	* P0A9Y6	P76069	cspc_ecoli	yday_ecoli
P76069	YDAY_ECOLI	* P33371	P76069	dusc_ecoli	yday_ecoli

P76069	YDAY_ECOLI	*	P67910	P76069	hldd_ecoli	yday_ecoli
P76069	YDAY_ECOLI	*	P08373	P76069	murb_ecoli	yday_ecoli
P76069	YDAY_ECOLI	*	P22188	P76069	mure_ecoli	yday_ecoli
P76069	YDAY_ECOLI	*	P0A8T1	P76069	prma_ecoli	yday_ecoli
P76069	YDAY_ECOLI	*	P0AB89	P76069	pur8_ecoli	yday_ecoli
P76069	YDAY_ECOLI	*	P0AG07	P76069	rpe_ecoli	yday_ecoli
P76069	YDAY_ECOLI	*	P39286	P76069	rsga_ecoli	yday_ecoli
P76069	YDAY_ECOLI	*	P0ABZ6	P76069	sura_ecoli	yday_ecoli
P76069	YDAY_ECOLI	*	P43672	P76069	uup_ecoli	yday_ecoli
P76069	YDAY_ECOLI	*	P0A8A2	P76069	yeen_ecoli	yday_ecoli
P76076	YDBL_ECOLI		none			
P0ACW6	YDCH_ECOLI		none			
P76103	YDCO_ECOLI		none			
P77730	YDCR_ECOLI	*	P0A6Y8	P77730	dnak_ecoli	ydcr_ecoli
P77730	YDCR_ECOLI	*	P05041	P77730	pabb_ecoli	ydcr_ecoli
P77156	YDCU_ECOLI		none			
P31826	YDDA_ECOLI		none			
P37757	YDDE_ECOLI		none			
P39831	YDFG_ECOLI	*	P76143	P39831	lsrf_ecoli	ydfg_ecoli
P39831	YDFG_ECOLI	*	P0AF10	P39831	mtlr_ecoli	ydfg_ecoli
P64463	YDFZ_ECOLI	*	P19930	P64463	hyad_ecoli	ydfz_ecoli
P64463	YDFZ_ECOLI	*	P64488	P64463	year_ecoli	ydfz_ecoli
P76177	YDGH_ECOLI	*	P30843	P76177	basr_ecoli	ydgh_ecoli
P77552	YDHQ_ECOLI	*	P0CE47	P77552	eftu1_ecoli	ydhq_ecoli
P0ACX3	YDHR_ECOLI		none			
P76192	YDHV_ECOLI		none			
P64476	YDIH_ECOLI	*	P0A6G7	P64476	clpp_ecoli	ydih_ecoli
P64476	YDIH_ECOLI	*	P03007	P64476	dpo3e_ecoli	ydih_ecoli
P64476	YDIH_ECOLI	*	P0A9X4	P64476	mreb_ecoli	ydih_ecoli
P64476	YDIH_ECOLI	*	P42641	P64476	obg_ecoli	ydih_ecoli

P77748	YDIJ_ECOLI	* P37313	P77748	dppf_ecoli	ydij_ecoli
P0ACY1	YDJA_ECOLI	* P0AA25	P0ACY1	thio_ecoli	ydja_ecoli
P0ACY1	YDJA_ECOLI	* P0AAR3	P0ACY1	ybak_ecoli	ydja_ecoli
P77721	YDJF_ECOLI	* P77744	P77721	abgr_ecoli	ydjf_ecoli
P77721	YDJF_ECOLI	* P68644	P77721	fixc_ecoli	ydjf_ecoli
P77721	YDJF_ECOLI	* P0A6V8	P77721	glk_ecoli	ydjf_ecoli
P39173	YEAD_ECOLI	none			
P0ACY3	YEAG_ECOLI	* P0ABQ4	P0ACY3	dyr_ecoli	yeag_ecoli
P0ACY3	YEAG_ECOLI	* P0A6M8	P0ACY3	efg_ecoli	yeag_ecoli
P0ACY3	YEAG_ECOLI	* P0A6W5	P0ACY3	grea_ecoli	yeag_ecoli
P64483	YEAK_ECOLI	none			
P76254	YEAX_ECOLI	none			
P76256	YEAZ_ECOLI	* P05852	P76256	gcp_ecoli	yeaz_ecoli
P0A8A0	YEBE_ECOLI	* P0AEE5	P0A8A0	dgal_ecoli	yebc_ecoli
P76272	YEBT_ECOLI	* P69922	P76272	fuci_ecoli	yebt_ecoli
P76272	YEBT_ECOLI	* P23522	P76272	garl_ecoli	yebt_ecoli
P76272	YEBT_ECOLI	* P22259	P76272	pcka_ecoli	yebt_ecoli
P76272	YEBT_ECOLI	* P0A7E9	P76272	pyrh_ecoli	yebt_ecoli
P76272	YEBT_ECOLI	* P77515	P76272	stfq_ecoli	yebt_ecoli
P64503	YEBV_ECOLI	none			
P37774	YECC_ECOLI	* P39346	P37774	idnd_ecoli	yecc_ecoli
P37774	YECC_ECOLI	* P43672	P37774	uup_ecoli	yecc_ecoli
P0ADI7	YECD_ECOLI	none			
P31064	YEDE_ECOLI	* P15770	P31064	aroe_ecoli	yede_ecoli
P76321	YEDN_ECOLI	* P37590	P76321	pmrd_ecoli	yedn_ecoli
P76321	YEDN_ECOLI	* P0A7S3	P76321	rs12_ecoli	yedn_ecoli
P76335	YEDS_ECOLI	* P0A898	P76335	ybey_ecoli	yeds_ecoli
P0A8M6	YEEX_ECOLI	* P36979	P0A8M6	rlmn_ecoli	yeex_ecoli
P0A8M6	YEEX_ECOLI	* P00579	P0A8M6	rpod_ecoli	yeex_ecoli
P0A8M6	YEEX_ECOLI	* P02358	P0A8M6	rs6_ecoli	yeex_ecoli

P0A8M6	YEEX_ECOLI	* P0A832	P0A8M6	ssrp_ecoli	yeex_ecoli
P37749	YFEG_ECOLI	none			
P76393	YEGI_ECOLI	none			
P33354	YEHR_ECOLI	none			
P33355	YEHS_ECOLI	none			
P76440	YEIT_ECOLI	* P45523	P76440	fkba_ecoli	yeit_ecoli
P76440	YEIT_ECOLI	* P07012	P76440	rf2_ecoli	yeit_ecoli
P76440	YEIT_ECOLI	* P43672	P76440	uup_ecoli	yeit_ecoli
P76440	YEIT_ECOLI	* P0AC28	P76440	ygfa_ecoli	yeit_ecoli
P33913	YEJA_ECOLI	none			
P0AD24	YEJL_ECOLI	none			
P17994	YFAA_ECOLI	* P00957	P17994	sya_ecoli	yfaa_ecoli
P0A8W8	YFBU_ECOLI	* P0A6J1	P0A8W8	cysc_ecoli	yfbu_ecoli
P0A8W8	YFBU_ECOLI	* P0AEY3	P0A8W8	mazg_ecoli	yfbu_ecoli
P0A8W8	YFBU_ECOLI	* P04391	P0A8W8	otc1_ecoli	yfbu_ecoli
P0A8W8	YFBU_ECOLI	* P16690	P0A8W8	phnn_ecoli	yfbu_ecoli
P0A8W8	YFBU_ECOLI	* P23869	P0A8W8	ppib_ecoli	yfbu_ecoli
P0A8W8	YFBU_ECOLI	* P0AGB6	P0A8W8	rpoe_ecoli	yfbu_ecoli
P0A8W8	YFBU_ECOLI	* P11291	P0A8W8	y3808_ecoli	yfbu_ecoli
P0A8W8	YFBU_ECOLI	* P0AD07	P0A8W8	yecf_ecoli	yfbu_ecoli
P0A8W8	YFBU_ECOLI	* P52140	P0A8W8	yfjy_ecoli	yfbu_ecoli
P0AD30	YFCA_ECOLI	* P16703	P0AD30	cysm_ecoli	yfca_ecoli
P0AD30	YFCA_ECOLI	* P26646	P0AD30	yhdh_ecoli	yfca_ecoli
P39199	YFCB_ECOLI	* P0A9K3	P39199	phol_ecoli	yfcb_ecoli
P39199	YFCB_ECOLI	* P33916	P39199	yejf_ecoli	yfcb_ecoli
P67095	YFCE_ECOLI	none			
P0AD33	YFCZ_ECOLI	* P0A8N5	P0AD33	syk2_ecoli	yfcz_ecoli
P76507	YFDI_ECOLI	none			
P76549	YFFR_ECOLI	none			

P76550	YFFS_ECOLI	none			
P76576	YFGM_ECOLI	* P0A6G3	P76576	ygad_ecoli	yfgm_ecoli
P37767	YFHH_ECOLI	none			
P0AGJ5	YFIF_ECOLI	* P0A6G7	P0AGJ5	clpp_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0A9Y6	P0AGJ5	cspc_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0A968	P0AGJ5	cspd_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0A9P6	P0AGJ5	dead_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0A9P6	P0AGJ5	dead_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P03007	P0AGJ5	dpo3e_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P06710	P0AGJ5	dpo3x_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0ABH0	P0AGJ5	ftsa_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0A6W5	P0AGJ5	grea_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0A6X3	P0AGJ5	hfq_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0ABS8	P0AGJ5	hole_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P43329	P0AGJ5	hrpa_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0A707	P0AGJ5	if3_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0A715	P0AGJ5	kdsa_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P21645	P0AGJ5	lpxd_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P17443	P0AGJ5	murg_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0A9K3	P0AGJ5	phol_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0ABS5	P0AGJ5	prim_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P42184	P0AGJ5	prsa_ecolx	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P23830	P0AGJ5	pss_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0A7E9	P0AGJ5	pyrh_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P75864	P0AGJ5	rlml_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P36979	P0AGJ5	rlmn_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P36979	P0AGJ5	rlmn_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P37765	P0AGJ5	rlub_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0AA39	P0AGJ5	rluc_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0AA39	P0AGJ5	rluc_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P21513	P0AGJ5	rne_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0A7Y8	P0AGJ5	rnpa_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P21499	P0AGJ5	rnrr_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0A776	P0AGJ5	rppe_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0A776	P0AGJ5	rppe_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P14081	P0AGJ5	selb_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P14081	P0AGJ5	selb_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P15082	P0AGJ5	srlr_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P28043	P0AGJ5	ssb2_ecolx	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0A832	P0AGJ5	ssrp_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0A847	P0AGJ5	tgt_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	* P0A847	P0AGJ5	tgt_ecoli	yfif_ecoli

P0AGJ5	YFIF_ECOLI	*	P0A850	P0AGJ5	tig_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	*	P0A8I5	P0AGJ5	trmb_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	*	P0A8G0	P0AGJ5	uvrc_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	*	P0AAS7	P0AGJ5	ybcj_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	*	P0AAS7	P0AGJ5	ybcj_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	*	P0AGK4	P0AGJ5	yhby_ecoli	yfif_ecoli
P0AGJ5	YFIF_ECOLI	*	P0ADK8	P0AGJ5	yibl_ecoli	yfif_ecoli
P0AC02	YFIO_ECOLI	*	P0A903	P0AC04	nlpb_ecoli	yfio_eco57
P0AC02	YFIO_ECOLI	*	P76459	P0AC02	atoa_ecoli	yfio_ecoli
Q47319	YFIP_ECOLI	*	P0A850	Q47319	tig_ecoli	yfip_ecoli
P52124	YFJI_ECOLI	*	P06611	P52124	btud_ecoli	yfji_ecoli
P52124	YFJI_ECOLI	*	P0AAG3	P52124	gltl_ecoli	yfji_ecoli
P52131	YFJP_ECOLI		none			
P52138	YFJW_ECOLI	*	P33371	P52138	dusc_ecoli	yfjw_ecoli
P52138	YFJW_ECOLI	*	P0ADQ2	P52138	yiid_ecoli	yfjw_ecoli
P0AD53	YGAC_ECOLI	*	P0A953	P0AD53	fabb_ecoli	ygac_ecoli
P0AD53	YGAC_ECOLI	*	P29745	P0AD53	pept_ecoli	ygac_ecoli
P0AD53	YGAC_ECOLI	*	P0AG59	P0AD53	rs14_ecoli	ygac_ecoli
P0AD53	YGAC_ECOLI	*	P0A9V5	P0AD53	yiag_ecoli	ygac_ecoli
P65807	YGEY_ECOLI	*	P67826	P65807	cutc_ecoli	ygey_ecoli
P65807	YGEY_ECOLI	*	P0A6Q3	P65807	faba_ecoli	ygey_ecoli
P65807	YGEY_ECOLI	*	P30130	P65807	fimd_ecoli	ygey_ecoli
P65807	YGEY_ECOLI	*	P0AA43	P65807	rsua_ecoli	ygey_ecoli
P65807	YGEY_ECOLI	*	P76108	P65807	ydcs_ecoli	ygey_ecoli
P65807	YGEY_ECOLI	*	P77739	P65807	ynia_ecoli	ygey_ecoli
P0A8C4	YGFB_ECOLI		none			
Q46811	YGFK_ECOLI	*	P69407	Q46811	rcsb_ecoli	ygfk_ecoli
P0ADE8	YGFZ_ECOLI	*	P0A705	P0ADE8	if2_ecoli	ygfz_ecoli
P0ADE8	YGFZ_ECOLI	*	P08390	P0ADE8	usg_ecoli	ygfz_ecoli
P0AG84	YGHA_ECOLI	*	P12008	P0AG84	aroc_ecoli	ygaha_ecoli
P0AG84	YGHA_ECOLI	*	P46068	P0AG84	dsdc_ecoli	ygaha_ecoli
Q46841	YGHQ_ECOLI	*	P07395	Q46841	syfb_ecoli	yghq_ecoli

P0ADU2	YGIN_ECOLI	* P0AD07	P0ADU2	yecf_ecoli	ygin_ecoli
Q46864	YGIT_ECOLI	* P0A6J1	Q46864	cysc_ecoli	ygit_ecoli
Q46864	YGIT_ECOLI	* P27296	Q46864	ding_ecoli	ygit_ecoli
Q46864	YGIT_ECOLI	* P07658	Q46864	fdhf_ecoli	ygit_ecoli
Q46864	YGIT_ECOLI	* P42641	Q46864	obg_ecoli	ygit_ecoli
P0ADU5	YGIW_ECOLI	* P0A8N5	P0ADU5	syk2_ecoli	ygiw_ecoli
P0ADU5	YGIW_ECOLI	* P76170	P0ADU5	ynfb_ecoli	ygiw_ecoli
P63417	YHBS_ECOLI	none			
P13518	YHDA_ECOLI	none			
P25536	YHDE_ECOLI	* P33022	P25536	rihb_ecoli	yhde_ecoli
P45766	YHDW_ECOLI	none			
P64624	YHEO_ECOLI	none			
P45524	YHET_ECOLI	none			
P64627	YHFL_ECOLI	none			
P46837	YHGF_ECOLI	* P0A964	P46837	chew_ecoli	yhgf_ecoli
P46837	YHGF_ECOLI	* P76291	P46837	cmob_ecoli	yhgf_ecoli
P46837	YHGF_ECOLI	* P0AC55	P46837	glnk_ecoli	yhgf_ecoli
P46837	YHGF_ECOLI	* P0A749	P46837	mura_ecoli	yhgf_ecoli
P46837	YHGF_ECOLI	* P07118	P46837	syv_ecoli	yhgf_ecoli
P46837	YHGF_ECOLI	* P76104	P46837	ydcp_ecoli	yhgf_ecoli
P46837	YHGF_ECOLI	* P52119	P46837	yfjf_ecoli	yhgf_ecoli
P37613	YHHK_ECOLI	* P56259	P37613	yifn_ecoli	yhhk_ecoli
P37614	YHHL_ECOLI	none			
P37624	YHIH_ECOLI	* P76015	P37624	dhak_ecoli	yhih_ecoli
P68567	YHIQ_ECOLI	none			
P37660	YHJV_ECOLI	none			
P0A9V5	YIAG_ECOLI	* P0A953	P0A9V5	fabb_ecoli	yiaq_ecoli
P0A9V5	YIAG_ECOLI	* P0A8I1	P0A9V5	ruvx_ecoli	yiaq_ecoli
P0A9V5	YIAG_ECOLI	* P0AAB4	P0A9V5	ubid_ecoli	yiaq_ecoli

P0A9V5	YIAG_ECOLI	* P33347	P0A9V5	yehk_ecoli	yiag_ecoli
P37671	YIAJ_ECOLI	none			
P0ADK6	YIBA_ECOLI	* P0A6F5	P0ADK6	ch60_ecoli	yiba_ecoli
P0ADK6	YIBA_ECOLI	* P0A6Y8	P0ADK6	dnak_ecoli	yiba_ecoli
P0ADK6	YIBA_ECOLI	* P40874	P0ADK6	mtox_ecoli	yiba_ecoli
P0ADK6	YIBA_ECOLI	* P42184	P0ADK6	prsa_ecolx	yiba_ecoli
P0ADK6	YIBA_ECOLI	* P08390	P0ADK6	usg_ecoli	yiba_ecoli
P0ACA1	YIBF_ECOLI	none			
P0AFV0	YIBH_ECOLI	none			
P0AG27	YIBN_ECOLI	* P40719	P0AG27	qsec_ecoli	yibn_ecoli
P0AG27	YIBN_ECOLI	* P33225	P0AG27	tora_ecoli	yibn_ecoli
P0AGE6	YIEF_ECOLI	none			
P31471	YIEL_ECOLI	none			
P32141	YIHT_ECOLI	none			
P32162	YIIS_ECOLI	* P24182	P32162	acc_c_ecoli	yiis_ecoli
P32162	YIIS_ECOLI	* P0AFQ5	P32162	rutc_ecoli	yiis_ecoli
P32677	YIJO_ECOLI	none			
P0AF50	YJBR_ECOLI	none			
P0ACU7	YJDC_ECOLI	none			
P0AF67	YJEE_ECOLI	* P63177	P0AF67	rlmb_ecoli	yjee_ecoli
P0AF67	YJEE_ECOLI	* P0A890	P0AF67	tusa_ecoli	yjee_ecoli
P0AF67	YJEE_ECOLI	* P31806	P0AF67	yjef_ecoli	yjee_ecoli
P31806	YJEF_ECOLI	* P15005	P31806	mcrb_ecoli	yjef_ecoli
P31806	YJEF_ECOLI	* P63177	P31806	rlmb_ecoli	yjef_ecoli
P31806	YJEF_ECOLI	* P0A8G0	P31806	uvrc_ecoli	yjef_ecoli
P31806	YJEF_ECOLI	* P0AF67	P31806	yjee_ecoli	yjef_ecoli
P37772	YJFF_ECOLI	* none			
P0AF90	YJGD_ECOLI	* P33224	P0AF90	aidb_ecoli	yjgd_ecoli
P0AF90	YJGD_ECOLI	* P0A6G7	P0AF90	clpp_ecoli	yjgd_ecoli

P0AF90	YJGD_ECOLI	* P06710	P0AF90	dpo3x_ecoli	yjgd_ecoli
P0AF90	YJGD_ECOLI	* P0AEK4	P0AF90	fabj_ecoli	yjgd_ecoli
P0AF90	YJGD_ECOLI	* P0A9Z1	P0AF90	glnb_ecoli	yjgd_ecoli
P0AF90	YJGD_ECOLI	* P0A6Y1	P0AF90	ihfb_ecoli	yjgd_ecoli
P0AF90	YJGD_ECOLI	* P0A7A9	P0AF90	ipyr_ecoli	yjgd_ecoli
P0AF90	YJGD_ECOLI	* P0A9X4	P0AF90	mreb_ecoli	yjgd_ecoli
P0AF93	YJGF_ECOLI	none			
P0AF96	YJGK_ECOLI	none			
P39353	YJHC_ECOLI	* P30750	P39353	metn_ecoli	yjhc_ecoli
P39356	YJHU_ECOLI	none			
P24203	YJIA_ECOLI	* P0AA25	P24203	thio_ecoli	yjia_ecoli
P39376	YJIE_ECOLI	* P0AG84	P39376	ygha_ecoli	yjie_ecoli
P39384	YJIM_ECOLI	none			
P37342	YJJI_ECOLI	* P22106	P37342	asnb_ecoli	yjji_ecoli
P37342	YJJI_ECOLI	* P0AEE8	P37342	dma_ecoli	yjji_ecoli
P0A9W3	YJJK_ECOLI	* P0ABA4	P0A9W3	atpd_ecoli	yjkk_ecoli
P0A9W3	YJJK_ECOLI	* P33025	P0A9W3	psug_ecoli	yjkk_ecoli
P0A9W3	YJJK_ECOLI	* P0AGB6	P0A9W3	rpoe_ecoli	yjkk_ecoli
P0A9W3	YJJK_ECOLI	* P77300	P0A9W3	yagi_ecoli	yjkk_ecoli
P0A9W3	YJJK_ECOLI	* P77395	P0A9W3	ybbn_ecoli	yjkk_ecoli
P0A9W3	YJJK_ECOLI	* P77379	P0A9W3	ykgd_ecoli	yjkk_ecoli
P39411	YJXX_ECOLI	* none			
P75678	YKFA_ECOLI	* P42624	P75678	yhak_ecoli	ykfa_ecoli
P77252	YKGE_ECOLI	none			
P75919	YMDC_ECOLI	none			
P0AEB5	YNAI_ECOLI	none			
P76116	YNCE_ECOLI	* P23872	P76116	aes_ecoli	ynce_ecoli
P76116	YNCE_ECOLI	* P32099	P76116	lpla_ecoli	ynce_ecoli
P76116	YNCE_ECOLI	* P0AA39	P76116	rluc_ecoli	ynce_ecoli
P76116	YNCE_ECOLI	* P0AA39	P76116	rluc_ecoli	ynce_ecoli

P0AAJ1	YNFG_ECOLI	none				
P0AEB7	YOAB_ECOLI	none				
P64508	YOBF_ECOLI	none				
Q2EES6	YOHO_ECOLI	none				
P76561	YPFH_ECOLI	none				
P10018	YPR2_ECOLX	none				
P0A8W5	YQGE_ECOLI	none				
Q46856	YQHD_ECOLI	* P0AFP6	Q46856	ybgi_ecoli	yqhd_ecoli	
P77306	YQIK_ECOLI	none				
P64581	YQJD_ECOLI	* P0AEM9	P64581	fliy_ecoli	yqjd_ecoli	
P64588	YQJI_ECOLI	* P76346	P64588	mtfa_ecoli	yqji_ecoli	
P64588	YQJI_ECOLI	* P0A8E5	P64588	yacl_ecoli	yqji_ecoli	
P21314	YR75_ECOLX	none				
P21324	YR7J_ECOLX	none				
P0A9W9	YRDA_ECOLI	none				
P45751	YRFB_ECOLI	* P14900	P45751	murd_ecoli	yrfb_ecoli	
P45751	YRFB_ECOLI	* P0AGG4	P45751	thio2_ecoli	yrfb_ecoli	
P45751	YRFB_ECOLI	* P0A8J4	P45751	ybed_ecoli	yrfb_ecoli	
P45751	YRFB_ECOLI	* P76538	P45751	yfez_ecoli	yrfb_ecoli	
P64636	YRFG_ECOLI	none				
P39187	YTFJ_ECOLI	none				
P0ADE4	YTFM_ECOLI	* P27249	P0ADE4	glnd_ecoli	ytfm_ecoli	
P0ADE4	YTFM_ECOLI	* P23862	P0ADE4	pric_ecoli	ytfm_ecoli	
P0ADE4	YTFM_ECOLI	* P39452	P0ADE4	rir3_ecoli	ytfm_ecoli	
P0ADE4	YTFM_ECOLI	* P37680	P0ADE4	sgbe_ecoli	ytfm_ecoli	
P0ADE4	YTFM_ECOLI	* P76100	P0ADE4	ydck_ecoli	ytfm_ecoli	

P39321	YTFN_ECOLI	* Q93K97	P39321	adpp_ecoli	ytnf_ecoli
P39321	YTFN_ECOLI	* P0A6V1	P39321	glgc_ecoli	ytnf_ecoli
P39321	YTFN_ECOLI	* P22524	P39321	muke_ecoli	ytnf_ecoli
P39321	YTFN_ECOLI	* P33136	P39321	opgg_ecoli	ytnf_ecoli
P39321	YTFN_ECOLI	* P0A8P8	P39321	xerd_ecoli	ytnf_ecoli
P39321	YTFN_ECOLI	* P0AFP4	P39321	ydbo_ecoli	ytnf_ecoli
P0AE48	YTFP_ECOLI	none			
Q6BEX0	YTFR_ECOLI	none			
P34211	YUAR_ECOLI	none			
Q9S4X2	YUBD_ECOLI	none			
Q9S4W2	YUBM_ECOLI	* P0AG24	Q9S4W2	spot_ecoli	yubm_ecoli
P0ADS2	ZAPA_ECOLI	* P77277	P0ADS2	eutj_ecoli	zapa_ecoli
P0ADS2	ZAPA_ECOLI	* P0AFP6	P0ADS2	ybgi_ecoli	zapa_ecoli
P0ADS2	ZAPA_ECOLI	* P33666	P0ADS2	ydba_ecoli	zapa_ecoli
Q1JQN5	ZAPA_ECOLD				
P0AF36	ZAPB_ECOLI	* P32162	P0AF36	yiis_ecoli	zapb_ecoli
P39832	ZNUB_ECOLI	none			

Alias interactor A	Alias interactor B	Interaction detection method
ycdX	gnd	pull down
yefI	gnd	pull down
argR	aspC	pull down
gyrA	aspC	pull down
prpE	aspC	pull down
accC	accA	pull down
accD	accA	pull down
accD	accA	pull down
acpP	accA	pull down
cspA	accA	pull down
cspC	accA	pull down
cspC	accA	pull down
cspD	accA	pull down
deaD	accA	pull down
fabA	accA	pull down
hinT	accA	pull down
hslV	accA	pull down
mreB	accA	pull down
nadA	accA	pull down
ppiC	accA	pull down
ravA	accA	pull down
rluC	accA	pull down
rpoD	accA	pull down
uvrD	accA	pull down
accB	accC	pull down
holA	accC	pull down
hslU	accC	pull down
hslV	accC	pull down
ppiB	accC	pull down
ravA	accC	pull down
ribD	accC	pull down
tusA	aceA	pull down
dsbA	acnA	pull down

lpxA	acnA	pull down
stfQ	acnA	pull down
msbB	acnB	pull down
nfuA	acnB	pull down
nudK	acnB	pull down
puuB	acnB	pull down
relA	acnB	pull down
speD	acnB	pull down
aspS	acnB	pull down
trxA	acnB	tandem affinity purification
trxA	acnB	tandem affinity purification
trxA	acnB	tandem affinity purification
torZ	acnB	pull down
trpE	acnB	pull down
deaD	acpP	pull down
fabF	acpP	pull down
mukB	acpP	pull down
spoT	acpP	pull down
xerD	acpP	pull down
ybgC	acpP	tandem affinity purification
yhbJ	acpP	pull down
yiiD	acpP	pull down
dnaJ	add	pull down
ftsZ	add	pull down
gyrA	add	pull down
ibpA	add	pull down
ibpB	add	pull down
mreB	add	pull down
rcaA	add	pull down
trxA	add	tandem affinity purification
dxs	adhE	pull down
greA	adhE	pull down
relA	adhE	pull down
ribF	adhE	pull down
ruvB	adhE	pull down
ffh	adhE	pull down
lysU	adhE	pull down

ycgV	adhE	pull down
ackA	ahpC	pull down
yahl	ahpC	pull down
clpX	ahpC	pull down
fdhD	ahpC	pull down
fre	ahpC	pull down
gpsA	ahpC	pull down
hisD	ahpC	pull down
hofQ	ahpC	pull down
hscA	ahpC	pull down
hyi	ahpC	pull down
iraP	ahpC	pull down
lptA	ahpC	pull down
lyx	ahpC	pull down
mtfA	ahpC	pull down
nadD	ahpC	pull down
nudG	ahpC	pull down
nudK	ahpC	pull down
pdxB	ahpC	pull down
queF	ahpC	pull down
ybaA	ahpC	pull down
ybiH	ahpC	pull down
ygaD	ahpC	pull down
yihI	ahpC	pull down
yihT	ahpC	pull down
thrA	ahpF	pull down
alsE	ahpF	pull down
appY	ahpF	pull down
carB	ahpF	pull down
envY	ahpF	pull down
msbB	ahpF	pull down
argI	ahpF	pull down
argF	ahpF	pull down
puuB	ahpF	pull down
rraA	ahpF	pull down
tyrR	ahpF	pull down
uspG	ahpF	pull down
uvrY	ahpF	pull down
yagJ	ahpF	pull down
yagK	ahpF	pull down
ydfG	ahpF	pull down

yedK	ahpF	pull down
ymdB	ahpF	pull down
acpP	aidB	pull down
acpP	aidB	pull down
cbpA	aidB	pull down
cspC	aidB	pull down
cspC	aidB	pull down
fldA	aidB	pull down
hfq	aidB	pull down
queC	aidB	pull down
rluB	aidB	pull down
rluC	aidB	pull down
smpB	aidB	pull down
ybcJ	aidB	pull down
cspB	thrA	pull down
dnaB	thrA	pull down
hslU	thrA	pull down
tig	thrA	pull down
gpmA	fbaA	comigration in non denaturing gel electrophoresis
trxA	fbaA	tandem affinity purification
obgE	fbaB	pull down
intA	eda	pull down
cheA	allC	pull down
envY	allC	pull down
fdrA	allC	pull down
moaE	allR	pull down
ileS	allR	pull down
mntR	amiA	pull down
narY	amiA	pull down
pdxJ	amiA	pull down
rhaS	amiA	pull down
rpsA	amiA	pull down
rpsO	amiA	pull down

ydcS	amiA	pull down
ftsN	amiC	pull down
-	amiC	pull down
cobT	amn	pull down
dcm	amn	pull down
frdA	pepA	pull down
argI	pepA	pull down
pIdA	map	pull down
leuS	map	pull down
trpS	map	pull down
fadJ	pepN	pull down
narY	pepN	pull down
rpmC	pepN	pull down
uvrD	pepN	pull down
ddlA	apt	pull down
fusA	apt	pull down
fusA	aroB	pull down
ihfB	aroB	pull down
yeaZ	aroK	pull down
galF	arpB	pull down

fabB	arsB	pull down
hemH	asnA	pull down
lolB	asnA	pull down
aldA	ansB	comigration in non denaturing gel electrophoresis
lolB	ansB	pull down
tsf	asr	pull down
atpD	atpA	blue native page
atpD	atpA	pull down
atpH	atpA	pull down
atpG	atpA	pull down
atpG	atpA	pull down
nagD	atpA	pull down
trxA	atpA	tandem affinity purification
uspG	atpA	pull down
yaiA	atpA	pull down
ybcH	atpA	pull down
atpA	atpD	blue native page
atpA	atpD	pull down
atpA	atpD	comigration in non denaturing gel electrophoresis
atpA	atpD	comigration in non denaturing gel electrophoresis
atpA	atpD	blue native page
atpH	atpD	pull down
atpG	atpD	pull down
cheW	atpD	pull down
cheZ	atpD	pull down
dnaJ	atpD	pull down
fre	atpD	pull down
galF	atpD	pull down
greA	atpD	pull down
helD	atpD	pull down
ibpA	atpD	pull down
mreB	atpD	pull down
agaB	atpD	pull down
ribB	atpD	pull down
rpoB	atpD	pull down
trxA	atpD	tandem affinity purification
trxA	atpD	tandem affinity purification
ycgL	atpD	pull down

yecJ	atpD	pull down
yeeN	atpD	pull down
yojI	atpD	pull down
atpA	atpF	blue native page
yggF	atpF	pull down
atpA	atpG	blue native page
atpA	atpG	blue native page
cspA	atpG	pull down
dcp	atpG	pull down
hemG	atpG	pull down
hemK	atpG	pull down
hinT	atpG	pull down
metR	atpG	pull down
atpA	atpE	blue native page
tusE	atpE	pull down
yhbY	zntA	pull down
mutS	baeS	pull down
rihA	baeS	pull down
yegD	baeS	pull down
lsrK	bcsB	pull down
alaS	bcsB	pull down
serS	bcsB	pull down
yfaS	bcsB	pull down
betI	betB	pull down
intA	ebgA	pull down
argA	bglA	pull down
deaD	bglA	pull down
gcvT	bglA	pull down

lysS	bioA	pull down
secA	bioB	pull down
prmA	bioH	pull down
obgE	btuE	pull down
rnhB	btuE	pull down
pyrH	cadB	pull down
rarA	cadB	pull down
appY	caiB	pull down
astA	caiB	pull down
coaD	caiB	pull down
fixC	caiB	pull down
iaaA	caiB	pull down
ybiY	caiB	pull down
sprT	caiB	pull down
dsbA	katE	pull down
lysU	katE	pull down
argD	cbpA	blue native page
lpxD	cbpA	pull down
lpxD	cbpA	pull down
tig	cbpA	pull down
ftsE	cdd	pull down
galF	cdh	pull down
btuB	ceaC	x-ray crystallography

cdi	cda	x-ray crystallography
cdi	cda	x-ray crystallography

dcd	groS	pull down
trxA	groS	tandem affinity purification

aas	groL	pull down
abgB	groL	pull down
abgR	groL	pull down
accA	groL	pull down
aceK	groL	pull down
acpH	groL	pull down
acpS	groL	pull down
adiY	groL	pull down
aer	groL	pull down
aes	groL	pull down
agal	groL	pull down
aidB	groL	pull down
aidB	groL	pull down
alkB	groL	pull down
eda	groL	pull down
allD	groL	pull down
allS	groL	pull down
alsA	groL	pull down
amn	groL	pull down
pepN	groL	pull down
anmK	groL	pull down
araC	groL	pull down
yahl	groL	pull down
argA	groL	pull down
argK	groL	pull down
arnA	groL	pull down
arnD	groL	pull down
aroB	groL	pull down
aroH	groL	pull down
arpA	groL	pull down
artP	groL	pull down
ascB	groL	pull down
astA	groL	pull down
astB	groL	pull down
astC	groL	pull down

astE	groL	pull down
atoD	groL	pull down
betA	groL	pull down
bglB	groL	pull down
bioA	groL	pull down
bioC	groL	pull down
bioD	groL	pull down
bioF	groL	pull down
bioH	groL	pull down
btuD	groL	pull down
btuE	groL	pull down
ybdK	groL	pull down
caiD	groL	pull down
can	groL	pull down
carB	groL	pull down
katE	groL	pull down
cbpA	groL	pull down
chbG	groL	pull down
chbR	groL	pull down
cheR	groL	pull down
cho	groL	pull down
cho	groL	pull down
gltA	groL	pull down
citC	groL	pull down
citX	groL	pull down
clpP	groL	pull down
clpP	groL	pull down
clpP	groL	pull down
coaA	groL	pull down
cobC	groL	pull down
cobT	groL	pull down
cof	groL	pull down
copA	groL	pull down
csdA	groL	pull down
cusR	groL	pull down
cyoA	groL	pull down
cysA	groL	pull down
cysD	groL	pull down
cysH	groL	pull down
dapE	groL	pull down
dbpA	groL	pull down
gadA	groL	pull down
gadB	groL	pull down
ldcC	groL	pull down
dcm	groL	pull down

dctR	groL	pull down
ddg	groL	pull down
ddpD	groL	pull down
ddpF	groL	pull down
dgoK	groL	pull down
dgt	groL	pull down
gcd	groL	pull down
sdhB	groL	pull down
djIC	groL	pull down
dId	groL	pull down
dam	groL	pull down
dmlA	groL	pull down
dmlR	groL	pull down
dnaA	groL	pull down
dpiB	groL	pull down
dppF	groL	pull down
dsdC	groL	pull down
dusB	groL	pull down
dusC	groL	pull down
dxr	groL	pull down
ebgC	groL	pull down
entB	groL	pull down
entC	groL	pull down
entF	groL	pull down
envY	groL	pull down
eutB	groL	pull down
eutG	groL	pull down
eutR	groL	pull down
fadI	groL	pull down
fbpC	groL	pull down
fcl	groL	pull down
fdhD	groL	pull down
fdhF	groL	pull down
fdnH	groL	pull down
feaR	groL	pull down
fecE	groL	pull down
fecR	groL	pull down
fepB	groL	pull down
fepC	groL	pull down
fes	groL	pull down
fhIA	groL	pull down
fimD	groL	pull down
fixB	groL	pull down
fixC	groL	pull down
fliH	groL	pull down

fliI	groL	pull down
fliM	groL	pull down
fliY	groL	pull down
fliZ	groL	pull down
folD	groL	pull down
frlD	groL	pull down
frsA	groL	pull down
fruR	groL	pull down
frvR	groL	pull down
ftsE	groL	pull down
ftsE	groL	pull down
ftsE	groL	pull down
fucK	groL	pull down
gabD	groL	pull down
gadW	groL	pull down
gadX	groL	pull down
galF	groL	pull down
galS	groL	pull down
gatD	groL	pull down
gatR	groL	pull down
gatZ	groL	pull down
gcl	groL	pull down
gcp	groL	pull down
gcvA	groL	pull down
glcC	groL	pull down
glf	groL	pull down
glgA	groL	pull down
glgB	groL	pull down
glgX	groL	pull down
glnD	groL	pull down
glpA	groL	pull down
glpC	groL	pull down
glpD	groL	pull down
glvG	groL	pull down
gmr	groL	pull down
gspA	groL	pull down
gudD	groL	pull down
gudX	groL	pull down
hcaB	groL	pull down
hcaD	groL	pull down
hcaE	groL	pull down
hcaR	groL	pull down
hdhA	groL	pull down
helD	groL	pull down
helD	groL	pull down

hemG	groL	pull down
hisP	groL	pull down
hldD	groL	pull down
hmp	groL	pull down
mhpE	groL	pull down
hofB	groL	pull down
holA	groL	pull down
folK	groL	pull down
htrB	groL	pull down
htrE	groL	pull down
hybA	groL	pull down
hybE	groL	pull down
hycE	groL	pull down
hycG	groL	pull down
hydN	groL	pull down
hyfG	groL	pull down
hyfG	groL	pull down
hyfG	groL	pull down
hyfR	groL	pull down
hypD	groL	pull down
hypD	groL	pull down
icc	groL	pull down
iciA	groL	pull down
idnR	groL	pull down
inaA	groL	pull down
intB	groL	pull down
intQ	groL	pull down
ppa	groL	pull down
ispH	groL	pull down
kbl	groL	pull down
kdsA	groL	pull down
kdsA	groL	pull down
kdul	groL	pull down
kefF	groL	pull down
kefG	groL	pull down
thrB	groL	pull down
kil	groL	pull down
prkB	groL	pull down
prs	groL	pull down
fadD	groL	pull down
ldcA	groL	pull down
cadA	groL	pull down
leuO	groL	pull down
aat	groL	pull down
gloA	groL	pull down

lipA	groL	pull down
livF	groL	pull down
livG	groL	pull down
lldD	groL	pull down
lpxB	groL	pull down
lpxC	groL	pull down
lpxH	groL	pull down
lsrA	groL	pull down
lsrF	groL	pull down
lsrK	groL	pull down
lsrR	groL	pull down
mak	groL	pull down
mall	groL	pull down
malT	groL	pull down
malZ	groL	pull down
matC	groL	pull down
mazG	groL	pull down
mdaB	groL	pull down
meiR	groL	pull down
menF	groL	pull down
metA	groL	pull down
metC	groL	pull down
metF	groL	pull down
metK	groL	pull down
mgIA	groL	pull down
mhpB	groL	pull down
mhpC	groL	pull down
miaA	groL	pull down
miaB	groL	pull down
mIaA	groL	pull down
mIaF	groL	pull down
mIaF	groL	pull down
mIaF	groL	pull down
mIra	groL	pull down
mngB	groL	pull down
moaA	groL	pull down
moaA	groL	pull down
moaA	groL	pull down
modC	groL	pull down
modF	groL	pull down
yehH	groL	pull down
mpaA	groL	pull down
mqsR	groL	pull down
mraZ	groL	pull down
mreB	groL	pull down

mreB	groL	pull down
msbB	groL	pull down
mug	groL	pull down
mutY	groL	pull down
nadD	groL	pull down
nagC	groL	pull down
nagD	groL	pull down
napD	groL	pull down
narQ	groL	pull down
narZ	groL	pull down
nfi	groL	pull down
nfrA	groL	pull down
nhaR	groL	pull down
nhoA	groL	pull down
nikD	groL	pull down
nikE	groL	pull down
nrdG	groL	pull down
nrfC	groL	pull down
nudL	groL	pull down
nuoF	groL	pull down
ogt	groL	pull down
ompL	groL	pull down
oppF	groL	pull down
paaX	groL	pull down
pabA	groL	pull down
panE	groL	pull down
pbpC	groL	pull down
pdhR	groL	pull down
perR	groL	pull down
pfIC	groL	pull down
phnC	groL	pull down
phnL	groL	pull down
phnN	groL	pull down
php	groL	pull down
phrB	groL	pull down
hyuA	groL	pull down
plsB	groL	pull down
pmbA	groL	pull down
pncB	groL	pull down
potA	groL	pull down
ppk	groL	pull down
ppnK	groL	pull down
pptA	groL	pull down
prpB	groL	pull down
prpD	groL	pull down

prpE	groL	pull down
prpR	groL	pull down
pstB	groL	pull down
pstB	groL	pull down
pstB	groL	pull down
psuG	groL	pull down
psuK	groL	pull down
pth	groL	pull down
cmtA	groL	pull down
ptrB	groL	pull down
purU	groL	pull down
putA	groL	pull down
puuB	groL	pull down
pyrD	groL	pull down
pyrH	groL	pull down
radA	groL	pull down
rbsR	groL	pull down
rcaA	groL	pull down
rdoA	groL	pull down
recF	groL	pull down
recF	groL	pull down
recF	groL	pull down
rfaF	groL	pull down
rfaG	groL	pull down
rfaI	groL	pull down
rfaJ	groL	pull down
rfaP	groL	pull down
rfaQ	groL	pull down
rfaY	groL	pull down
rfaZ	groL	pull down
rffA	groL	pull down
rhaB	groL	pull down
rhaR	groL	pull down
rhaS	groL	pull down
rhmD	groL	pull down
rhmR	groL	pull down
rhcC	groL	pull down
rhcD	groL	pull down
rhcE	groL	pull down
rhcE	groL	pull down
ribD	groL	pull down
ribD	groL	pull down
ribF	groL	pull down
rimJ	groL	pull down
rimN	groL	pull down

rlmA	groL	pull down
rlmE	groL	pull down
rlmH	groL	pull down
rlmM	groL	pull down
rlmN	groL	pull down
rluD	groL	pull down
rfbC	groL	pull down
rfbC	groL	pull down
rfbD	groL	pull down
rnd	groL	pull down
rpiR	groL	pull down
rppH	groL	pull down
rsgA	groL	pull down
rsmA	groL	pull down
rspA	groL	pull down
rstA	groL	pull down
rtcB	groL	pull down
rtcR	groL	pull down
rumB	groL	pull down
ruvB	groL	pull down
ruvB	groL	pull down
ruvB	groL	pull down
ruvC	groL	pull down
sapD	groL	pull down
sdiA	groL	pull down
selU	groL	pull down
serC	groL	pull down
sgbH	groL	pull down
sgcE	groL	pull down
sgcQ	groL	pull down
sgcR	groL	pull down
sgrR	groL	pull down
smtA	groL	pull down
speE	groL	pull down
sppA	groL	pull down
spr	groL	pull down
srlD	groL	pull down
ssnA	groL	pull down
sspA	groL	pull down
ssuB	groL	pull down
ssuE	groL	pull down
ycjM	groL	pull down
sufC	groL	pull down
sufI	groL	pull down
sufS	groL	pull down

leuS	groL	pull down
proS	groL	pull down
serS	groL	pull down
tadA	groL	pull down
tas	groL	pull down
tauB	groL	pull down
tdcA	groL	pull down
tdh	groL	pull down
tehB	groL	pull down
tgt	groL	pull down
thiB	groL	pull down
thiD	groL	pull down
thiE	groL	pull down
thiF	groL	pull down
thiH	groL	pull down
thiK	groL	pull down
thiL	groL	pull down
thiM	groL	pull down
thiQ	groL	pull down
torA	groL	pull down
torZ	groL	pull down
treF	groL	pull down
trkA	groL	pull down
trmB	groL	pull down
trpC	groL	pull down
trpE	groL	pull down
ttcA	groL	pull down
ttdB	groL	pull down
ttdR	groL	pull down
tus	groL	pull down
tyrB	groL	pull down
ubiB	groL	pull down
ubiF	groL	pull down
ubiG	groL	pull down
ubiH	groL	pull down
ubiX	groL	pull down
ugd	groL	pull down
ulaE	groL	pull down
ulaR	groL	pull down
ulaR	groL	pull down
ulaR	groL	pull down
ung	groL	pull down
uspG	groL	anti bait coimmunoprecipitation
uspG	groL	pull down
uspG	groL	pull down

uxaC	groL	pull down
waaU	groL	pull down
wbbJ	groL	pull down
wcaA	groL	pull down
wcaC	groL	pull down
wcaM	groL	pull down
xapA	groL	pull down
xapR	groL	pull down
yicl	groL	pull down
yaaA	groL	pull down
yadG	groL	pull down
yaeB	groL	pull down
yaeQ	groL	pull down
yaeR	groL	pull down
yafJ	groL	pull down
yafL	groL	pull down
yafM	groL	pull down
yafP	groL	pull down
yafZ	groL	pull down
yagA	groL	pull down
yagB	groL	pull down
yagE	groL	pull down
yagK	groL	pull down
yagM	groL	pull down
yagP	groL	pull down
yagQ	groL	pull down
yagS	groL	pull down
yagT	groL	pull down
yagW	groL	pull down
yahB	groL	pull down
yahE	groL	pull down
yahG	groL	pull down
yahL	groL	pull down
yaiV	groL	pull down
yajD	groL	pull down
yajO	groL	pull down
ybaP	groL	pull down
ybbC	groL	pull down
ybbL	groL	pull down
ybbL	groL	pull down
ybbO	groL	pull down
ybcH	groL	pull down
ybcM	groL	pull down
ybdG	groL	pull down
ybdH	groL	pull down

ybdL	groL	pull down
ybdN	groL	pull down
ybdO	groL	pull down
ybdR	groL	pull down
ybeF	groL	pull down
ybeL	groL	pull down
ybeR	groL	pull down
ybfF	groL	pull down
ybfL	groL	pull down
ybfO	groL	pull down
ybgA	groL	pull down
ybgJ	groL	pull down
ybgK	groL	pull down
ybgL	groL	pull down
ybgP	groL	pull down
ybhA	groL	pull down
ybhB	groL	pull down
ybhK	groL	pull down
ybhO	groL	pull down
ybhP	groL	pull down
ybiP	groL	pull down
ybiU	groL	pull down
ybjX	groL	pull down
ycaQ	groL	pull down
ycbJ	groL	pull down
ycbK	groL	pull down
ycdB	groL	pull down
yceA	groL	pull down
ycfH	groL	pull down
ycgB	groL	pull down
ycgF	groL	pull down
ycgR	groL	pull down
ychG	groL	pull down
ychJ	groL	pull down
ychO	groL	pull down
yciT	groL	pull down
ycjS	groL	pull down
ycjX	groL	pull down
ydaV	groL	pull down
ydcP	groL	pull down
ydcR	groL	pull down
ydcS	groL	pull down
yddH	groL	pull down
ydeH	groL	pull down
ydeM	groL	pull down

ydeU	groL	pull down
ydfG	groL	pull down
ydfH	groL	pull down
ydhB	groL	pull down
ydiA	groL	pull down
ydiF	groL	pull down
ydiU	groL	pull down
ydiV	groL	pull down
ydjG	groL	pull down
ydjJ	groL	pull down
yeaE	groL	pull down
yeaK	groL	pull down
yeaM	groL	pull down
yebR	groL	pull down
yecC	groL	pull down
yecE	groL	pull down
yedK	groL	pull down
yedL	groL	pull down
yedY	groL	pull down
yeeZ	groL	pull down
yefG	groL	pull down
yefI	groL	pull down
yegL	groL	pull down
yehQ	groL	pull down
yehX	groL	pull down
yeil	groL	pull down
yejA	groL	pull down
yejH	groL	pull down
yfaA	groL	pull down
yfaQ	groL	pull down
yfbQ	groL	pull down
yfcG	groL	pull down
yfcH	groL	pull down
yfcl	groL	pull down
yfdR	groL	pull down
yfdZ	groL	pull down
yfeZ	groL	pull down
yfhR	groL	pull down
yfiH	groL	pull down
yfiQ	groL	pull down
yfjK	groL	pull down
yfjN	groL	pull down
yfjQ	groL	pull down
yfjR	groL	pull down
yfjX	groL	pull down

yfjY	groL	pull down
ygaE	groL	pull down
ygaF	groL	pull down
ygaP	groL	pull down
ygbL	groL	pull down
ygbM	groL	pull down
ygbT	groL	pull down
ygcB	groL	pull down
ygcH	groL	pull down
ygcK	groL	pull down
ygcL	groL	pull down
ygcN	groL	pull down
ygcO	groL	pull down
ygdH	groL	pull down
ygeA	groL	pull down
ygeH	groL	pull down
ygeV	groL	pull down
ygfA	groL	pull down
ygfA	groL	pull down
ygfH	groL	pull down
ygfJ	groL	pull down
yggR	groL	pull down
yggW	groL	pull down
yghR	groL	pull down
yghT	groL	pull down
yghZ	groL	pull down
ygiD	groL	pull down
ygiR	groL	pull down
yhbJ	groL	pull down
yhbU	groL	pull down
yhbU	groL	pull down
yhbU	groL	pull down
yhbW	groL	pull down
yhcC	groL	pull down
yhcM	groL	pull down
yhdZ	groL	pull down
yheT	groL	pull down
yhiJ	groL	pull down
yhiL	groL	pull down
yhiN	groL	pull down
yhiR	groL	pull down
yhiR	groL	pull down
yhjB	groL	pull down
yhjH	groL	pull down
yaC	groL	pull down

yibD	groL	pull down
yidA	groL	pull down
yidF	groL	pull down
yidL	groL	pull down
yidP	groL	pull down
yidZ	groL	pull down
yeE	groL	pull down
yigA	groL	pull down
yihR	groL	pull down
poxA	groL	pull down
yjeE	groL	pull down
yjeK	groL	pull down
yjfZ	groL	pull down
yjgZ	groL	pull down
yjhl	groL	pull down
yjhP	groL	pull down
yjhR	groL	pull down
yjiC	groL	pull down
yjiE	groL	pull down
yjiR	groL	pull down
yjjJ	groL	pull down
yjjU	groL	pull down
ykfJ	groL	pull down
ykgD	groL	pull down
ykgF	groL	pull down
ylbA	groL	pull down
ylbE	groL	pull down
ylbF	groL	pull down
ymfD	groL	pull down
ynaA	groL	pull down
ynbC	groL	pull down
yncG	groL	pull down
yneJ	groL	pull down
yniA	groL	pull down
ynjA	groL	pull down
yoaA	groL	pull down
yobB	groL	pull down
yojl	groL	pull down
ypdB	groL	pull down
ypdC	groL	pull down
ypdF	groL	pull down
ypfl	groL	pull down
yphE	groL	pull down
yqaB	groL	pull down
yqiB	groL	pull down

yqjG	groL	pull down
ytfM	groL	pull down
znuC	groL	pull down
znuC	groL	pull down

aspA	chbF	pull down
fabG	chbF	pull down
moeB	chbF	pull down
yagK	chbF	pull down

cspB	gltA	pull down
yacl	gltA	pull down
ydcJ	gltA	pull down
ygaD	gltA	pull down

cbpA	clpA	pull down
clpP	clpA	pull down
clpS	clpA	x-ray crystallography
clpS	clpA	x-ray crystallography
clpX	clpA	pull down
ldcC	clpA	pull down
dnaJ	clpA	pull down
dxs	clpA	pull down
fabZ	clpA	pull down
fldA	clpA	pull down
gyrA	clpA	pull down
holC	clpA	pull down
hscC	clpA	pull down
ibpA	clpA	pull down
ibpA	clpA	pull down
pyrH	clpA	pull down
rplD	clpA	pull down
rlmE	clpA	pull down
rlmN	clpA	pull down
rnpA	clpA	pull down
rpoB	clpA	pull down
ffh	clpA	pull down
sspB	clpA	pull down
smpB	clpA	pull down
ubiB	clpA	pull down
uvrD	clpA	pull down
yjeP	clpA	pull down

allA	clpB	pull down
zntA	clpB	pull down
cbpA	clpB	pull down
groL	clpB	pull down
clpS	clpB	pull down
clpX	clpB	pull down
dut	clpB	pull down
fxsA	clpB	pull down
garK	clpB	pull down
grpE	clpB	pull down
hscB	clpB	pull down
ibpA	clpB	pull down
intB	clpB	pull down
manB	clpB	pull down
mreB	clpB	pull down
msbB	clpB	pull down
pbpC	clpB	pull down
queF	clpB	pull down
rfaP	clpB	pull down
rfaY	clpB	pull down
rlmN	clpB	pull down
rpoH	clpB	pull down
rpoC	clpB	pull down
ruvB	clpB	pull down
smp	clpB	pull down
sspB	clpB	pull down
sbp	clpB	pull down
lysU	clpB	pull down
ybdG	clpB	pull down
yddH	clpB	pull down
yfaL	clpB	pull down
yibD	clpB	pull down
ykgF	clpB	pull down

fdhE	cmoA	pull down
ydjA	cmoA	pull down

murG	cpdB	pull down
ybaK	cpdB	pull down

oxaA	crp	pull down
rcsB	crp	pull down
ubiB	crp	pull down

yacl	crp	pull down
cspD	cspC	pull down
cspD	cspC	pull down
deaD	cspC	pull down
dnaQ	cspC	pull down
hfq	cspC	pull down
rpoA	cspC	pull down
lysU	cspC	pull down
uvrC	cspC	pull down
yhbJ	cspC	pull down
yahl	cspD	pull down
cspC	cspD	pull down
grxD	csrA	pull down
helD	csrA	pull down
hfq	csrA	pull down
appC	cydA	blue native page
bcp	cysB	pull down
rpoB	cysB	pull down
tpx	cysB	pull down
dmsB	cysH	pull down
rnhB	cysH	pull down
ygbT	cysH	pull down
holB	cysJ	pull down
ycbX	cysJ	pull down
ycbX	cysJ	pull down
cysA	cysK	pull down
cysE	cysK	comigration in non denaturing gel electrophoresis
rpiR	cysK	pull down
sufC	cysK	pull down
lysU	cysK	pull down

argR	cysP	pull down
ycgC	cysP	pull down
sufI	cysP	pull down
grxD	cysQ	pull down
paaB	cysQ	pull down
rpmA	cysQ	pull down
rpoC	cysQ	pull down
truD	cysQ	pull down
yraN	cysQ	pull down
cheW	dacA	pull down
cheZ	dacA	pull down
yfaY	dacA	pull down
deaD	dacA	pull down
infC	dacA	pull down
rhlB	dacA	pull down
ydbH	dacA	pull down
yfiF	dacA	pull down
lpxH	dacC	pull down
atpA	dadA	comigration in non denaturing gel electrophoresis
atpA	dadA	comigration in non denaturing gel electrophoresis
cheW	dadA	pull down
cheZ	dadA	pull down
cyoA	dadA	pull down
fepB	dadA	pull down
fepC	dadA	pull down
hemH	dadA	pull down
ppa	dadA	pull down
lpxB	dadA	pull down
lpxH	dadA	pull down
moaD	dadA	pull down
murG	dadA	pull down
otsB	dadA	pull down
ppiB	dadA	pull down
rfaC	dadA	pull down
tig	dadA	pull down
uspG	dadA	pull down
ybbO	dadA	pull down
yecA	dadA	pull down
yeeN	dadA	pull down
yidB	dadA	pull down

fdhD	dapA	pull down
prkB	dapB	pull down
trxA	dapD	tandem affinity purification
trxA	dapD	tandem affinity purification
yahA	dapD	pull down
yegS	dapD	pull down
csdA	dapE	pull down
hemX	dapE	pull down
rlmN	dapF	pull down
rppH	dapF	pull down
rppH	dapF	pull down
allR	hupA	pull down
cspA	hupA	pull down
cspC	hupA	blue native page
cspC	hupA	pull down
cspD	hupA	pull down
cspE	hupA	pull down
hupB	hupA	pull down
deaD	hupA	pull down
polA	hupA	pull down
dusC	hupA	pull down
fabA	hupA	pull down
fis	hupA	pull down
hfq	hupA	pull down
hfq	hupA	pull down
hns	hupA	pull down
ihfB	hupA	pull down
intA	hupA	pull down
kdsA	hupA	pull down
mnmeE	hupA	pull down
murG	hupA	pull down
nfi	hupA	pull down
ybeZ	hupA	pull down
malP	hupA	pull down
pnp	hupA	pull down
pyrH	hupA	pull down
rcaA	hupA	pull down
prfB	hupA	pull down
ribD	hupA	pull down
rlmN	hupA	pull down

rluB	hupA	pull down
rluC	hupA	pull down
rnhA	hupA	pull down
rnpA	hupA	pull down
rnr	hupA	pull down
rpoA	hupA	pull down
rpoB	hupA	pull down
rpoB	hupA	pull down
rpoC	hupA	pull down
rppH	hupA	pull down
slyD	hupA	pull down
spoT	hupA	pull down
srlR	hupA	pull down
ssb	hupA	pull down
smpB	hupA	pull down
hsdS	hupA	pull down
tgt	hupA	pull down
topA	hupA	pull down
topB	hupA	pull down
uvrB	hupA	pull down
uvrC	hupA	pull down
uvrD	hupA	pull down
ybaZ	hupA	pull down
ybcJ	hupA	pull down
ybjX	hupA	pull down
yfiF	hupA	pull down
yjdl	hupA	pull down

acpP	hupB	pull down
cspA	hupB	pull down
cspC	hupB	pull down
hupA	hupB	pull down
deaD	hupB	pull down
polA	hupB	pull down
nei	hupB	pull down
hfq	hupB	pull down
infC	hupB	pull down
ihfB	hupB	pull down
kdsB	hupB	pull down
nfi	hupB	pull down
pyrH	hupB	pull down
prfB	hupB	pull down
rluC	hupB	pull down
slyD	hupB	pull down
srlR	hupB	pull down

smpB	hupB	pull down
hsdS	hupB	pull down
tgt	hupB	pull down
trxA	hupB	tandem affinity purification
topA	hupB	pull down
ulaR	hupB	pull down
uvrB	hupB	pull down
uvrD	hupB	pull down
ybcJ	hupB	pull down
ybjX	hupB	pull down
yfiQ	hupB	pull down
yraN	hupB	pull down

gadB	gadA	pull down
gadB	gadA	pull down
dnaK	gadA	pull down
grpE	gadA	pull down
ibpA	gadA	pull down
lysU	gadA	pull down
yach	gadA	pull down

gadA	gadB	pull down
gadA	gadB	pull down
gadA	gadB	pull down
dnaK	gadB	pull down
grpE	gadB	pull down
helD	gadB	pull down
ibpB	gadB	pull down
lysU	gadB	pull down
yiiD	gadB	pull down
yjeE	gadB	pull down

citG	dcm	pull down
mnmE	dcm	pull down
aceF	dcm	pull down

lsrK	dcp	pull down
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cspD	ddlA	pull down
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map	deaD	pull down
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cbpA	deaD	pull down
cspA	deaD	pull down
cspC	deaD	pull down
cspC	deaD	pull down
cspD	deaD	pull down
dnaJ	deaD	pull down
dps	deaD	pull down
fabA	deaD	pull down
gyrB	deaD	pull down
hfq	deaD	pull down
hslV	deaD	pull down
nusG	deaD	pull down
ybeZ	deaD	pull down
rplD	deaD	pull down
rlmN	deaD	pull down
rluC	deaD	pull down
rne	deaD	pull down
rne	deaD	affinity chromatography technology
rnpA	deaD	pull down
rnr	deaD	pull down
rppH	deaD	pull down
spoT	deaD	pull down
tgt	deaD	pull down
trmB	deaD	pull down
ybaB	deaD	pull down
ybcJ	deaD	pull down
yfiF	deaD	pull down
ackA	def	pull down
yahI	def	pull down
rmlA1	def	pull down
cysS	def	pull down
yebC	def	pull down
yihT	def	pull down
clpP	degP	pull down
mgIA	degP	pull down
purE	degP	pull down
pyrH	degP	pull down
recT	degP	pull down
yagR	deoB	pull down
acs	deoC	pull down
eutQ	deoC	pull down

fpr	deoC	pull down
yeaR	deoC	pull down
yidL	deoC	pull down

pykF	deoD	pull down
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parE	dhaK	pull down
ybeB	dhaK	pull down

cdh	ndh	pull down
entF	ndh	pull down
oxaA	ndh	pull down

bglG	folP	pull down
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aceK	sdhA	pull down
allA	sdhA	pull down
allR	sdhA	pull down
allS	sdhA	pull down
arnA	sdhA	pull down
speG	sdhA	pull down
caiA	sdhA	pull down
caiB	sdhA	pull down
caiD	sdhA	pull down
caiF	sdhA	pull down
cirA	sdhA	pull down
clpB	sdhA	pull down
clpX	sdhA	pull down
cobC	sdhA	pull down
copA	sdhA	pull down
cysI	sdhA	pull down
hupB	sdhA	pull down
dcuS	sdhA	pull down
dld	sdhA	pull down
polB	sdhA	pull down
folA	sdhA	pull down
feaR	sdhA	pull down
fixC	sdhA	pull down
fkpB	sdhA	pull down

fliF	sdhA	pull down
fumC	sdhA	pull down
gcl	sdhA	pull down
glxR	sdhA	pull down
gmr	sdhA	pull down
hemH	sdhA	pull down
hscC	sdhA	pull down
hyfR	sdhA	pull down
kdsA	sdhA	pull down
kdsB	sdhA	pull down
kefF	sdhA	pull down
fadD	sdhA	pull down
lpxB	sdhA	pull down
lpxD	sdhA	pull down
trg	sdhA	pull down
miaB	sdhA	pull down
mngB	sdhA	pull down
mqo	sdhA	pull down
narJ	sdhA	pull down
narQ	sdhA	pull down
aceF	sdhA	pull down
paaG	sdhA	pull down
panE	sdhA	pull down
pfID	sdhA	pull down
ppk	sdhA	pull down
recR	sdhA	pull down
recT	sdhA	pull down
rimO	sdhA	pull down
rnhB	sdhA	pull down
rpoB	sdhA	pull down
rpoC	sdhA	pull down
rpsB	sdhA	pull down
rtcR	sdhA	pull down
stfQ	sdhA	pull down
sucC	sdhA	pull down
sucD	sdhA	pull down
ycjM	sdhA	pull down
argS	sdhA	pull down
tyrS	sdhA	pull down
tesC	sdhA	pull down
trxA	sdhA	tandem affinity purification
tig	sdhA	pull down
tig	sdhA	pull down
uspG	sdhA	pull down
yajD	sdhA	pull down

ybaK	sdhA	pull down
ybaP	sdhA	pull down
ybbC	sdhA	pull down
ybdR	sdhA	pull down
ybeL	sdhA	pull down
ycjF	sdhA	pull down
ycjW	sdhA	pull down
ydaV	sdhA	pull down
ydcP	sdhA	pull down
ydfI	sdhA	pull down
ydgA	sdhA	pull down
ydhW	sdhA	pull down
yfaA	sdhA	pull down
yfaQ	sdhA	pull down
yfiQ	sdhA	pull down
yfjL	sdhA	pull down
ygeV	sdhA	pull down
yphE	sdhA	pull down

trxA	dksA	tandem affinity purification
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acpP	lpdA	pull down
acpP	lpdA	pull down
cheY	lpdA	pull down
cspB	lpdA	pull down
cspB	lpdA	pull down
dam	lpdA	pull down
dam	lpdA	pull down
dnaA	lpdA	pull down
polA	lpdA	pull down
polA	lpdA	pull down
dnaE	lpdA	pull down
dusC	lpdA	pull down
nth	lpdA	pull down
nfo	lpdA	pull down
nei	lpdA	pull down
xthA	lpdA	pull down
recD	lpdA	pull down
recB	lpdA	pull down
fadI	lpdA	pull down
fadJ	lpdA	pull down

fdhD	lpdA	pull down
fucU	lpdA	pull down
gyrA	lpdA	pull down
hrpA	lpdA	pull down
hrpB	lpdA	pull down
hrpB	lpdA	pull down
hycl	lpdA	pull down
ibpA	lpdA	pull down
ibpB	lpdA	pull down
idnD	lpdA	pull down
ilvB	lpdA	pull down
ilvB	lpdA	pull down
intS	lpdA	pull down
cadA	lpdA	pull down
mnmeE	lpdA	pull down
napA	lpdA	pull down
narJ	lpdA	pull down
nfi	lpdA	pull down
nudB	lpdA	pull down
sucA	lpdA	pull down
sucA	lpdA	pull down
sucB	lpdA	pull down
aceF	lpdA	pull down
ogt	lpdA	pull down
ogt	lpdA	pull down
paaX	lpdA	pull down
paaX	lpdA	pull down
parC	lpdA	pull down
pdhR	lpdA	pull down
ybeZ	lpdA	pull down
ybeZ	lpdA	pull down
malP	lpdA	pull down
malP	lpdA	pull down
pinR	lpdA	pull down
plsB	lpdA	pull down
ppk	lpdA	pull down
yadB	lpdA	pull down
ravA	lpdA	pull down
recJ	lpdA	pull down
recJ	lpdA	pull down
recQ	lpdA	pull down
recQ	lpdA	pull down
rlmN	lpdA	pull down
rluC	lpdA	pull down
rluC	lpdA	pull down

rnhA	lpdA	pull down
rnpA	lpdA	pull down
rsmG	lpdA	pull down
surA	lpdA	pull down
hsdR	lpdA	pull down
hsdR	lpdA	pull down
hsdS	lpdA	pull down
trxC	lpdA	pull down
topA	lpdA	pull down
topB	lpdA	pull down
topB	lpdA	pull down
trmB	lpdA	pull down
ubiE	lpdA	pull down
ulaR	lpdA	pull down
uvrB	lpdA	pull down
uvrB	lpdA	pull down
uvrC	lpdA	pull down
uvrC	lpdA	pull down
uvrD	lpdA	pull down
uvrD	lpdA	pull down
uvrY	lpdA	pull down
ybaK	lpdA	pull down
ybcJ	lpdA	pull down
ybhK	lpdA	pull down
ybhK	lpdA	pull down
ybjX	lpdA	pull down
yceA	lpdA	pull down
ycgE	lpdA	pull down
ycgF	lpdA	pull down
ycgF	lpdA	pull down
ydaM	lpdA	pull down
ydjF	lpdA	pull down
yejF	lpdA	pull down
yfiQ	lpdA	pull down
ygeV	lpdA	pull down
ygfF	lpdA	pull down
yhbU	lpdA	pull down
yicC	lpdA	pull down
yjeF	lpdA	pull down
yjeF	lpdA	pull down
yjgD	lpdA	pull down
ynfB	lpdA	pull down
yraN	lpdA	pull down
znuC	lpdA	pull down

icc	dam	pull down
fbaB	dnaJ	pull down
argR	dnaJ	pull down
btuE	dnaJ	pull down
cheW	dnaJ	pull down
cspC	dnaJ	pull down
cyoA	dnaJ	pull down
deaD	dnaJ	pull down
dinD	dnaJ	pull down
dnaA	dnaJ	pull down
dnaA	dnaJ	pull down
tufA	dnaJ	pull down
eutJ	dnaJ	pull down
recD	dnaJ	pull down
fkpB	dnaJ	pull down
ftsA	dnaJ	pull down
glmS	dnaJ	pull down
glpD	dnaJ	pull down
gyrA	dnaJ	pull down
hfq	dnaJ	pull down
hslU	dnaJ	pull down
hslU	dnaJ	pull down
hyfR	dnaJ	pull down
ibpA	dnaJ	pull down
kdsB	dnaJ	pull down
lpxB	dnaJ	pull down
lpxD	dnaJ	pull down
malT	dnaJ	pull down
metK	dnaJ	pull down
metK	dnaJ	pull down
miaB	dnaJ	pull down
mreB	dnaJ	pull down
mreB	dnaJ	pull down
narG	dnaJ	pull down
nusG	dnaJ	pull down
prpE	dnaJ	pull down
prsA	dnaJ	pull down
prsA	dnaJ	pull down
pstB	dnaJ	pull down
ptsI	dnaJ	pull down
pta	dnaJ	pull down
purl	dnaJ	pull down

pyrH	dnaJ	pull down
recJ	dnaJ	pull down
rfaH	dnaJ	pull down
rlmN	dnaJ	pull down
rlmN	dnaJ	pull down
rph	dnaJ	pull down
ruvB	dnaJ	pull down
ruvB	dnaJ	pull down
selB	dnaJ	pull down
selB	dnaJ	pull down
smg	dnaJ	pull down
srmB	dnaJ	pull down
glyQ	dnaJ	pull down
glyQ	dnaJ	pull down
ileS	dnaJ	pull down
tldD	dnaJ	pull down
ubiH	dnaJ	pull down
ulaR	dnaJ	pull down
uspG	dnaJ	pull down
uspG	dnaJ	pull down
yagM	dnaJ	pull down
ybcJ	dnaJ	pull down
ybcJ	dnaJ	pull down
ybfL	dnaJ	pull down
ybjX	dnaJ	pull down
ycgZ	dnaJ	pull down
yeaM	dnaJ	pull down
yeeN	dnaJ	pull down
yfcU	dnaJ	pull down
yfiQ	dnaJ	pull down
yicC	dnaJ	pull down
ypjB	dnaJ	pull down

accA	dnaK	pull down
accC	dnaK	pull down
accD	dnaK	pull down
mhpF	dnaK	pull down
adhP	dnaK	pull down
aes	dnaK	pull down
aidB	dnaK	pull down
aidB	dnaK	pull down
aldB	dnaK	pull down
fbaA	dnaK	pull down
fbaA	dnaK	pull down
fbaB	dnaK	pull down

alsB	dnaK	pull down
ampC	dnaK	pull down
araF	dnaK	pull down
arcC	dnaK	pull down
aroG	dnaK	pull down
asnB	dnaK	pull down
aspA	dnaK	pull down
aspA	dnaK	pull down
atpH	dnaK	pull down
accB	dnaK	pull down
betA	dnaK	pull down
bioB	dnaK	pull down
caiC	dnaK	pull down
caiD	dnaK	pull down
cbpA	dnaK	pull down
cbpA	dnaK	pull down
cbpA	dnaK	pull down
groS	dnaK	pull down
groS	dnaK	pull down
groL	dnaK	pull down
cheB	dnaK	pull down
cheR	dnaK	pull down
cho	dnaK	pull down
chpR	dnaK	pull down
clpA	dnaK	pull down
clpB	dnaK	blue native page
clpP	dnaK	pull down
clpX	dnaK	pull down
clpX	dnaK	pull down
copA	dnaK	pull down
cueO	dnaK	pull down
cynS	dnaK	pull down
cyoA	dnaK	pull down
cysP	dnaK	pull down
hupA	dnaK	pull down
hupA	dnaK	pull down
hupB	dnaK	pull down
gadA	dnaK	pull down
gadA	dnaK	pull down
gadA	dnaK	pull down
gadB	dnaK	pull down
ddlA	dnaK	pull down
degP	dnaK	pull down
deoR	dnaK	pull down
asd	dnaK	pull down

dicA	dnaK	pull down
dicC	dnaK	pull down
dinD	dnaK	pull down
dnaC	dnaK	pull down
dnaJ	dnaK	pull down
dnaJ	dnaK	classical fluorescence spectroscopy
dnaJ	dnaK	surface plasmon resonance
dnaJ	dnaK	surface plasmon resonance
dnaJ	dnaK	surface plasmon resonance
dnaE	dnaK	pull down
dppF	dnaK	pull down
dsbG	dnaK	pull down
tufA	dnaK	pull down
nth	dnaK	pull down
eno	dnaK	pull down
eno	dnaK	pull down
entA	dnaK	pull down
eutC	dnaK	pull down
eutP	dnaK	pull down
fabF	dnaK	pull down
fabF	dnaK	pull down
fdhF	dnaK	pull down
fdrA	dnaK	pull down
fepB	dnaK	pull down
fepC	dnaK	pull down
fis	dnaK	pull down
fixA	dnaK	pull down
fixB	dnaK	pull down
fkpB	dnaK	pull down
flgF	dnaK	pull down
flgM	dnaK	pull down
flhD	dnaK	pull down
fliC	dnaK	pull down
fliH	dnaK	pull down
fliJ	dnaK	pull down
fliK	dnaK	pull down
flxA	dnaK	pull down
folC	dnaK	pull down
folD	dnaK	pull down
fruR	dnaK	pull down
ftsA	dnaK	pull down
ftsZ	dnaK	pull down
fumC	dnaK	pull down
gapA	dnaK	pull down
gapA	dnaK	pull down

zwf	dnaK	pull down
galM	dnaK	pull down
gatD	dnaK	pull down
gatR	dnaK	pull down
gatY	dnaK	pull down
gatY	dnaK	pull down
glnK	dnaK	pull down
glnQ	dnaK	pull down
grxA	dnaK	pull down
gltL	dnaK	pull down
greA	dnaK	pull down
grpE	dnaK	pull down
grpE	dnaK	pull down
grpE	dnaK	pull down
gyrA	dnaK	pull down
hcaC	dnaK	pull down
helD	dnaK	pull down
helD	dnaK	pull down
hfq	dnaK	pull down
hinT	dnaK	pull down
hisA	dnaK	pull down
hldD	dnaK	pull down
hofB	dnaK	pull down
holA	dnaK	pull down
holC	dnaK	pull down
holE	dnaK	pull down
holE	dnaK	pull down
hrpB	dnaK	pull down
hslR	dnaK	pull down
hslU	dnaK	pull down
hslU	dnaK	pull down
hyaF	dnaK	pull down
infB	dnaK	pull down
ihfA	dnaK	pull down
intB	dnaK	pull down
ppa	dnaK	pull down
iscS	dnaK	pull down
ispA	dnaK	pull down
ispH	dnaK	pull down
kdsB	dnaK	pull down
pykF	dnaK	pull down
pykA	dnaK	pull down
leuA	dnaK	pull down
leuC	dnaK	pull down
leuD	dnaK	pull down

gloA	dnaK	pull down
gloA	dnaK	pull down
lipA	dnaK	pull down
luxS	dnaK	pull down
maa	dnaK	pull down
malZ	dnaK	pull down
manB	dnaK	pull down
matC	dnaK	pull down
menF	dnaK	pull down
metK	dnaK	pull down
metN	dnaK	pull down
metQ	dnaK	pull down
miaB	dnaK	pull down
mIaC	dnaK	pull down
mIaF	dnaK	pull down
mIiC	dnaK	pull down
mmuM	dnaK	pull down
moeB	dnaK	pull down
mog	dnaK	pull down
mpaA	dnaK	pull down
mreB	dnaK	pull down
mreB	dnaK	pull down
mtnN	dnaK	pull down
murC	dnaK	pull down
murE	dnaK	pull down
mutL	dnaK	pull down
mutY	dnaK	pull down
nadC	dnaK	pull down
nagB	dnaK	pull down
napD	dnaK	pull down
narQ	dnaK	pull down
ndk	dnaK	pull down
nfrA	dnaK	pull down
nfsA	dnaK	pull down
nifU	dnaK	pull down
nikD	dnaK	pull down
nikD	dnaK	pull down
nikE	dnaK	pull down
nlpA	dnaK	pull down
nrdH	dnaK	pull down
nudB	dnaK	pull down
nuoE	dnaK	pull down
yoeA_2	dnaK	pull down
paaB	dnaK	pull down
panC	dnaK	pull down

pdxB	dnaK	pull down
pdxK	dnaK	pull down
pepD	dnaK	pull down
pgk	dnaK	pull down
phoA	dnaK	pull down
ppiB	dnaK	pull down
ppnK	dnaK	pull down
pqqL	dnaK	pull down
priB	dnaK	pull down
prsA	dnaK	pull down
purC	dnaK	pull down
purC	dnaK	pull down
putA	dnaK	pull down
pyrH	dnaK	pull down
ycgC	dnaK	pull down
qorA	dnaK	pull down
queA	dnaK	pull down
queC	dnaK	pull down
queC	dnaK	pull down
racR	dnaK	pull down
ravA	dnaK	pull down
ravA	dnaK	pull down
rbsB	dnaK	pull down
rcsA	dnaK	pull down
rcsB	dnaK	pull down
rcsF	dnaK	pull down
recJ	dnaK	pull down
relB	dnaK	pull down
prfA	dnaK	pull down
rhIB	dnaK	pull down
rhcC	dnaK	pull down
rhcE	dnaK	pull down
rhcE	dnaK	pull down
rimN	dnaK	pull down
rimO	dnaK	pull down
nrdB	dnaK	pull down
rplJ	dnaK	pull down
rplK	dnaK	pull down
rplB	dnaK	pull down
rplY	dnaK	pull down
rplC	dnaK	pull down
rpmG	dnaK	pull down
rplD	dnaK	pull down
rplI	dnaK	pull down
rne	dnaK	pull down

rne	dnaK	affinity chromatography technology
rne	dnaK	affinity chromatography technology
rne	dnaK	affinity chromatography technology
rne	dnaK	affinity chromatography technology
rne	dnaK	pull down
rne	dnaK	anti tag coimmunoprecipitation
rne	dnaK	affinity chromatography technology
rng	dnaK	pull down
rnpA	dnaK	pull down
rph	dnaK	pull down
rpoH	dnaK	pull down
rpoH	dnaK	pull down
rpoH	dnaK	pull down
rpoN	dnaK	pull down
rpoN	dnaK	pull down
rpe	dnaK	pull down
rpoC	dnaK	pull down
rpoZ	dnaK	pull down
rpoZ	dnaK	pull down
rpsP	dnaK	pull down
rpsF	dnaK	pull down
rsgA	dnaK	pull down
rsmD	dnaK	pull down
rtcR	dnaK	pull down
rutA	dnaK	pull down
rutC	dnaK	pull down
ruvB	dnaK	pull down
ruvB	dnaK	pull down
ruvB	dnaK	pull down
sdiA	dnaK	pull down
secA	dnaK	pull down
serC	dnaK	pull down
sgbE	dnaK	pull down
speD	dnaK	pull down
srlR	dnaK	pull down
ssb	dnaK	pull down
sspA	dnaK	pull down
sspB	dnaK	pull down
ssuB	dnaK	pull down
sbp	dnaK	pull down
surA	dnaK	pull down
alaS	dnaK	pull down
thrS	dnaK	pull down
tyrS	dnaK	pull down
tyrS	dnaK	pull down

tesB	dnaK	pull down
lacA	dnaK	pull down
thiB	dnaK	pull down
thiG	dnaK	pull down
trxC	dnaK	pull down
tnaA	dnaK	pull down
tpiA	dnaK	pull down
treF	dnaK	pull down
treR	dnaK	pull down
trmB	dnaK	pull down
trpE	dnaK	pull down
ubiB	dnaK	pull down
ubiG	dnaK	pull down
ugpB	dnaK	pull down
ulaB	dnaK	pull down
ulaR	dnaK	pull down
ushA	dnaK	pull down
uspF	dnaK	pull down
uspG	dnaK	pull down
uspG	dnaK	pull down
uvrA	dnaK	pull down
uxaC	dnaK	pull down
vsr	dnaK	pull down
xisE	dnaK	pull down
wbbJ	dnaK	pull down
wcaM	dnaK	pull down
wecG	dnaK	pull down
ygdG	dnaK	pull down
xylG	dnaK	pull down
-	dnaK	pull down
yagE	dnaK	pull down
yagJ	dnaK	pull down
yagK	dnaK	pull down
yagL	dnaK	pull down
yagP	dnaK	pull down
yagQ	dnaK	pull down
yagR	dnaK	pull down
yagS	dnaK	pull down
yahE	dnaK	pull down
yahF	dnaK	pull down
yahJ	dnaK	pull down
yajD	dnaK	pull down
ybaE	dnaK	pull down
ybaK	dnaK	pull down
ybaP	dnaK	pull down

ybaZ	dnaK	pull down
ybbA	dnaK	pull down
ybdD	dnaK	pull down
ybdH	dnaK	pull down
ybdR	dnaK	pull down
ybgL	dnaK	pull down
ybgP	dnaK	pull down
ybhB	dnaK	pull down
ybiA	dnaK	pull down
ybiH	dnaK	pull down
ybiS	dnaK	pull down
ycdB	dnaK	pull down
ycdO	dnaK	pull down
yceA	dnaK	pull down
yceA	dnaK	pull down
ycgK	dnaK	pull down
ycgL	dnaK	pull down
ycgR	dnaK	pull down
ycgZ	dnaK	pull down
ychG	dnaK	pull down
yciH	dnaK	pull down
ydaY	dnaK	pull down
ydbA	dnaK	pull down
ydcK	dnaK	pull down
ydeU	dnaK	pull down
ydfX	dnaK	pull down
ydhQ	dnaK	pull down
ydhR	dnaK	pull down
ydhR	dnaK	pull down
ydiZ	dnaK	pull down
ydjA	dnaK	pull down
ydjF	dnaK	pull down
ydjJ	dnaK	pull down
yebR	dnaK	pull down
yedF	dnaK	pull down
yedN	dnaK	pull down
yedY	dnaK	pull down
yeeV	dnaK	pull down
yehK	dnaK	pull down
yejF	dnaK	pull down
yfcB	dnaK	pull down
yfcD	dnaK	pull down
yjfF	dnaK	pull down
yfkK	dnaK	pull down
ygbT	dnaK	pull down

ygcP	dnaK	pull down
ygcP	dnaK	pull down
ygeP	dnaK	pull down
yghA	dnaK	pull down
yghR	dnaK	pull down
yhdH	dnaK	pull down
yhdN	dnaK	pull down
yhhX	dnaK	pull down
yhjR	dnaK	pull down
yibA	dnaK	pull down
yicC	dnaK	pull down
yidA	dnaK	pull down
yidA	dnaK	pull down
yidF	dnaK	pull down
yiiD	dnaK	pull down
yjcF	dnaK	pull down
yjdA	dnaK	pull down
yjeE	dnaK	pull down
yjJI	dnaK	pull down
ynaK	dnaK	pull down
yqaB	dnaK	pull down
yraN	dnaK	pull down

accC	dnaN	pull down
cspA	dnaN	pull down
cspB	dnaN	pull down
cspE	dnaN	pull down
fabI	dnaN	pull down
fldA	dnaN	pull down
gph	dnaN	two hybrid array
hda	dnaN	pull down
hinT	dnaN	pull down
holA	dnaN	two hybrid
holA	dnaN	surface plasmon resonance
ppa	dnaN	pull down
cadA	dnaN	pull down
ndk	dnaN	pull down
proA	dnaN	pull down
rpe	dnaN	pull down
rpe	dnaN	pull down
proS	dnaN	pull down
yajQ	dnaN	pull down
ybbN	dnaN	pull down

ydhR	dnaN	pull down
yeaG	dnaN	pull down
yghA	dnaN	pull down

flgB	dps	pull down
galF	dps	pull down
iscA	dps	pull down
minE	dps	pull down
pepT	dps	pull down
rplD	dps	pull down
sufS	dps	pull down
lysU	dps	pull down
lysU	dps	pull down
yecF	dps	pull down
yfbM	dps	pull down
yffB	dps	pull down
yfhR	dps	pull down

eco	eco	x-ray crystallography
rhaD	eco	pull down
yeaO	eco	pull down
yeaR	eco	pull down

adhP	fusA	pull down
cybC	fusA	pull down
groS	fusA	pull down
ddpD	fusA	pull down
ftsZ	fusA	pull down
hslU	fusA	pull down
mprA	fusA	pull down
mreB	fusA	pull down
msbB	fusA	pull down
mutY	fusA	pull down
pepT	fusA	pull down
purD	fusA	pull down
puuB	fusA	pull down
pyrH	fusA	pull down
ribE	fusA	pull down
rplD	fusA	pull down

rlmN	fusA	pull down
rnb	fusA	pull down
rof	fusA	pull down
rsgA	fusA	pull down
lysU	fusA	pull down
trxA	fusA	tandem affinity purification
trxA	fusA	tandem affinity purification
thrC	fusA	pull down
trpE	fusA	pull down
ydgA	fusA	pull down
ydhQ	fusA	pull down

trxA	efp	tandem affinity purification
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fusA	tsf	blue native page
fusA	tsf	comigration in non denaturing gel electrophoresis
tufA	tsf	pull down
tufA	tsf	pull down
tufA	tsf	pull down
tufA	tsf	pull down
ompL	tsf	pull down
pyrH	tsf	pull down
trxA	tsf	tandem affinity purification

can	tufA	pull down
cbpA	tufA	pull down
cca	tufA	pull down
cedA	tufA	pull down
clpA	tufA	pull down
clpB	tufA	pull down
clpP	tufA	pull down
clpP	tufA	pull down
clpX	tufA	pull down
cutA	tufA	pull down
dmlA	tufA	pull down
dnaA	tufA	pull down
dnaB	tufA	pull down
dnaB	tufA	pull down
dnaJ	tufA	pull down
dnaK	tufA	pull down
dnaK	tufA	pull down
dxs	tufA	pull down
fusA	tufA	blue native page

fusA	tufA	pull down
fusA	tufA	comigration in non denaturing gel electrophoresis
tsf	tufA	x-ray crystallography
tsf	tufA	blue native page
tsf	tufA	pull down
tsf	tufA	pull down
era	tufA	pull down
fabA	tufA	pull down
fabZ	tufA	pull down
fdnG	tufA	pull down
fdnG	tufA	pull down
fruR	tufA	pull down
ftsA	tufA	pull down
ftsA	tufA	pull down
ftsE	tufA	pull down
ftsZ	tufA	pull down
gatY	tufA	pull down
gatY	tufA	pull down
gcp	tufA	pull down
glmM	tufA	pull down
greA	tufA	pull down
grpE	tufA	pull down
gyrA	tufA	pull down
gyrA	tufA	pull down
gyrB	tufA	pull down
gyrB	tufA	pull down
helD	tufA	pull down
helD	tufA	pull down
hfq	tufA	pull down
hinT	tufA	pull down
holE	tufA	pull down
hrpA	tufA	pull down
hscB	tufA	pull down
hscB	tufA	pull down
hslO	tufA	pull down
hslO	tufA	pull down
hslU	tufA	pull down
hslU	tufA	pull down
hslV	tufA	pull down
hypD	tufA	pull down
hypD	tufA	pull down
ibpA	tufA	pull down
ibpA	tufA	pull down
ibpB	tufA	pull down
iciA	tufA	pull down

ppa	tufA	pull down
kdsA	tufA	pull down
kdsA	tufA	pull down
kdsB	tufA	pull down
tmk	tufA	pull down
cadA	tufA	pull down
lon	tufA	pull down
lpxB	tufA	pull down
lpxB	tufA	pull down
malT	tufA	pull down
hybC	tufA	pull down
hybC	tufA	pull down
metK	tufA	pull down
metK	tufA	pull down
metN	tufA	pull down
miaB	tufA	pull down
miaB	tufA	pull down
miaF	tufA	pull down
miaF	tufA	pull down
moaA	tufA	pull down
mreB	tufA	pull down
mreB	tufA	pull down
mukB	tufA	pull down
mukB	tufA	pull down
murA	tufA	pull down
murC	tufA	pull down
murC	tufA	pull down
murI	tufA	pull down
mutL	tufA	pull down
mutS	tufA	pull down
narG	tufA	pull down
narH	tufA	pull down
nikA	tufA	pull down
nikD	tufA	pull down
nikE	tufA	pull down
nikR	tufA	pull down
nusA	tufA	pull down
pepT	tufA	pull down
plsB	tufA	pull down
pncB	tufA	pull down
priA	tufA	pull down
pstB	tufA	pull down
pta	tufA	pull down
pth	tufA	pull down
gatB	tufA	pull down

pyrH	tufA	pull down
queC	tufA	pull down
queC	tufA	pull down
ravA	tufA	pull down
rcsB	tufA	pull down
recJ	tufA	pull down
rhIB	tufA	pull down
rho	tufA	pull down
ribH	tufA	pull down
rlmE	tufA	pull down
rlmN	tufA	pull down
rlmN	tufA	pull down
rne	tufA	pull down
rph	tufA	pull down
rpoB	tufA	pull down
rpoD	tufA	pull down
rpoS	tufA	pull down
rsgA	tufA	pull down
rsmD	tufA	pull down
ruvB	tufA	pull down
secA	tufA	pull down
secA	tufA	pull down
spoT	tufA	pull down
srmB	tufA	pull down
sspB	tufA	pull down
alaS	tufA	pull down
glyQ	tufA	pull down
ileS	tufA	pull down
tdcD	tufA	pull down
ubiE	tufA	pull down
ulaR	tufA	pull down
ulaR	tufA	pull down
usg	tufA	pull down
usg	tufA	pull down
uspG	tufA	pull down
uvrY	tufA	pull down
viaA	tufA	pull down
ybeD	tufA	pull down
ybjX	tufA	pull down
ybjX	tufA	pull down
ycfH	tufA	pull down
ydaM	tufA	pull down
ydcP	tufA	pull down
ydiA	tufA	pull down
ydiH	tufA	pull down

yejF	tufA	pull down
yfbQ	tufA	pull down
yfiQ	tufA	pull down
yfjK	tufA	pull down
ygeV	tufA	pull down
yhbJ	tufA	pull down
yhbU	tufA	pull down
yheS	tufA	pull down
yheS	tufA	pull down
yicC	tufA	pull down
yidA	tufA	pull down
yjjV	tufA	pull down
yoaA	tufA	pull down
yqaB	tufA	pull down

mazG	elaB	pull down
rlmN	elaB	pull down
sspB	elaB	pull down
hsdM	elaB	pull down
yacl	elaB	pull down

cspB	eno	pull down
hfq	eno	pull down
ibpA	eno	pull down
pgk	eno	pull down
pnP	eno	pull down
pnP	eno	pull down
rhIB	eno	pull down
rhIB	eno	pull down
rne	eno	pull down
rne	eno	affinity chromatography technology
rne	eno	affinity chromatography technology
rne	eno	affinity chromatography technology
rne	eno	affinity chromatography technology
rne	eno	affinity chromatography technology
rne	eno	pull down
rne	eno	affinity chromatography technology

rne	eno	affinity chromatography technology
rne	eno	molecular sieving
rng	eno	pull down
rpe	eno	pull down
lysU	eno	pull down
lysU	eno	pull down
thrS	eno	pull down
trxA	eno	tandem affinity purification
trxA	eno	tandem affinity purification
ybcJ	eno	pull down

ispA	eutQ	pull down
nudK	eutQ	pull down

trxA	fabA	tandem affinity purification
trxA	fabA	tandem affinity purification
tig	fabA	pull down
yfaS	fabA	pull down

acpP	fabB	tandem affinity purification
acpP	fabB	pull down
dnaK	fabB	pull down

glsA1	fabD	pull down
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acpP	fabF	pull down
acpP	fabF	tandem affinity purification
acpP	fabF	pull down
holB	fabF	pull down
yeil	fabF	pull down

acpP	fabG	pull down
acpP	fabG	pull down
trxA	fabG	tandem affinity purification

acpP	fabH	pull down
pepB	fabH	pull down

qseB	fabI	pull down
trxA	fabI	tandem affinity purification
yciF	fabI	pull down

yciT	fabI	pull down
acpP	fabZ	pull down
cbpA	fabZ	pull down
eno	fabZ	pull down
gatR	fabZ	pull down
hycl	fabZ	pull down
ybeZ	fabZ	pull down
rne	fabZ	pull down
trxA	fabZ	tandem affinity purification
yeeN	fabZ	pull down
appY	fdhE	pull down
cdh	fdhE	pull down
fdnG	fdhE	pull down
fdnG	fdhE	pull down
tpiA	fdhE	pull down
ycil	fdhE	pull down
dxs	fdnG	pull down
fdnH	fdnG	blue native page
fliD	fdnG	pull down
mngB	fdnG	pull down
paaY	fdnG	pull down
rlmL	fdnG	pull down
yagl	fdnG	pull down
ychJ	fdnG	pull down
yddH	fdnG	pull down
yggS	fdnG	pull down
fdhE	fdoG	pull down
moaE	fdoG	pull down
osmC	fdoG	pull down
pepQ	fdoG	pull down
trxA	fdoG	tandem affinity purification
udp	fdoG	pull down
yddH	fdoG	pull down

iscA	fdx	pull down
iscA	fdx	enzymatic study
fliC	fhiA	two hybrid array
rapA	fhiA	pull down
dpiA	fimC	pull down
mug	fimC	pull down
thiD	fimC	pull down
fimC	fimF	affinity chromatography technology
fimC	fimF	comigration in sds page
fimC	fimF	x-ray crystallography
fimC	fimG	affinity chromatography technology
fimC	fimG	comigration in sds page
fimC	fimG	x-ray crystallography
fimC	fimH	x-ray crystallography
fimC	fimH	x-ray crystallography
fimC	fimH	x-ray crystallography
fimC	fimH	affinity chromatography technology
fimC	fimH	comigration in sds page
fimC	fimH	x-ray crystallography
hupB	fis	pull down
polA	fis	pull down
uvrD	fis	pull down
yhbT	fis	pull down
recG	fkpA	pull down
rnz	fkpA	pull down
ygch	fkpA	pull down
trxA	fkIB	tandem affinity purification
fbaA	fldA	pull down
clpP	flgA	pull down
topA	flgA	two hybrid array

xseB	fliC	pull down
fkpB	fliC	pull down
slyD	fliC	pull down
ybcN	fliC	pull down
yggD	fliC	pull down
cheR	fliN	two hybrid array
fliI	fliN	two hybrid array
fliM	fliN	two hybrid
fliN	fliN	two hybrid array
fliR	fliN	two hybrid array
fliR	fliN	two hybrid array
rpe	fliN	two hybrid array
rpoE	fliN	two hybrid array
proS	fliN	two hybrid array
yjeK	fliN	two hybrid array
xthA	fliT	pull down
flgH	fliT	two hybrid array
flgJ	fliT	two hybrid array
fliD	fliT	two hybrid array
fliI	fliT	two hybrid array
fliJ	fliT	two hybrid array
fliT	fliT	two hybrid array
glpQ	fliT	two hybrid array
gmhB	fliT	pull down
hscA	fliT	pull down
metK	fliT	two hybrid array
tig	fliT	pull down
yhcO	fliT	pull down
rpsD	fmt	pull down
speB	fnr	pull down
yggW	fnr	pull down
btuR	folB	pull down
flgN	folX	pull down
wzb	folX	pull down
frdB	frdA	blue native page
ravA	frdA	pull down

frdA	frdB	x-ray crystallography
frdA	frdB	x-ray crystallography
frdA	frdB	x-ray crystallography
frdA	frdB	comigration in non denaturing gel electrophoresis
ompW	frdB	anti bait coimmunoprecipitation
ompW	frdB	far western blotting

hemG	fre	pull down
metR	fre	pull down
mhpR	fre	pull down
mobA	fre	pull down
rfaH	fre	pull down
yihU	fre	pull down

intA	frmA	pull down
pstB	frmA	pull down

folK	fsaB	pull down
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tig	ftnA	pull down
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relA	ftnB	pull down
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ftsZ	ftsK	pull down
fumC	ftsK	pull down
rpoC	ftsK	pull down
ybhK	ftsK	pull down

cysC	ftsQ	pull down
ftsA	ftsQ	two hybrid
ftsB	ftsQ	two hybrid
ftsI	ftsQ	two hybrid
ftsL	ftsQ	two hybrid
ftsN	ftsQ	two hybrid
ftsN	ftsQ	two hybrid
ftsQ	ftsQ	two hybrid
ftsX	ftsQ	two hybrid
ftsX	ftsQ	two hybrid
ymgF	ftsQ	two hybrid
ymgF	ftsQ	two hybrid

rnk	ftsX	pull down
yggD	ftsX	pull down
atpD	ftsZ	pull down
btuR	ftsZ	pull down
cheR	ftsZ	pull down
cheW	ftsZ	pull down
cyoA	ftsZ	pull down
dmlR	ftsZ	pull down
fepB	ftsZ	pull down
ftsE	ftsZ	anti tag coimmunoprecipitation
grxA	ftsZ	pull down
gyrA	ftsZ	pull down
hslU	ftsZ	pull down
ibpA	ftsZ	pull down
ispG	ftsZ	pull down
sucB	ftsZ	pull down
trxA	ftsZ	tandem affinity purification
yhcH	ftsZ	pull down
yhhW	ftsZ	pull down
zipA	ftsZ	two hybrid
ravA	fucU	pull down
dnaB	fumA	pull down
fumB	fumA	pull down
ilvB	fumA	pull down
ydcP	fumA	pull down
cheA	fumB	pull down
cheB	fumB	pull down
fumA	fumB	pull down
sgrR	fumB	pull down
yojI	fumB	pull down
ackA	fur	pull down
ada	fur	pull down
can	fur	pull down
katE	fur	pull down
cueO	fur	pull down
cysC	fur	pull down
dinG	fur	pull down
eutT	fur	pull down
glmU	fur	pull down
grxD	fur	pull down

grpE	fur	pull down
hypB	fur	pull down
lpxA	fur	pull down
lpxB	fur	pull down
mntR	fur	pull down
moeB	fur	pull down
mrp	fur	pull down
mtlR	fur	pull down
nadB	fur	pull down
nusA	fur	pull down
sucB	fur	pull down
ybeZ	fur	pull down
potF	fur	pull down
psd	fur	pull down
ptrB	fur	pull down
rfaZ	fur	pull down
rhmD	fur	pull down
ribD	fur	pull down
rimO	fur	pull down
rlmA	fur	pull down
rpoA	fur	pull down
soxS	fur	pull down
trxA	fur	tandem affinity purification
tilS	fur	pull down
tktB	fur	pull down
tpiA	fur	pull down
umuD	fur	pull down
wcaA	fur	pull down
yacl	fur	pull down
ybcM	fur	pull down
ybeD	fur	pull down
ycgY	fur	pull down
ydaT	fur	pull down
yecC	fur	pull down
yegS	fur	pull down
yehX	fur	pull down
yggF	fur	pull down
ygiC	fur	pull down
yqgE	fur	pull down
aldA	gapA	comigration in non denaturing gel electrophoresis
cheZ	gapA	pull down
gph	gapA	pull down

greA	gapA	pull down
helD	gapA	pull down
ogt	gapA	pull down
rsgA	gapA	pull down
trxA	gapA	tandem affinity purification
trxA	gapA	tandem affinity purification
tig	gapA	pull down
tusA	gapA	pull down
yfaS	gapA	pull down
yfjK	gapA	pull down
yiiD	gapA	pull down
yjeE	gapA	pull down

yahl	zwf	pull down
betI	zwf	pull down
bioH	zwf	pull down
can	zwf	pull down
carB	zwf	pull down
cobT	zwf	pull down
gcd	zwf	pull down
fepE	zwf	pull down
iraP	zwf	pull down
livK	zwf	pull down
manA	zwf	pull down
menH	zwf	pull down
miaA	zwf	pull down
msbB	zwf	pull down
pflB	zwf	pull down
pncB	zwf	pull down
ppiD	zwf	pull down
purE	zwf	pull down
rluD	zwf	pull down
rnk	zwf	pull down
sdaA	zwf	pull down
soxS	zwf	pull down
sucC	zwf	pull down
yacF	zwf	pull down
yacL	zwf	pull down
yaeR	zwf	pull down
yaiA	zwf	pull down
ybaP	zwf	pull down
ybdD	zwf	pull down
ybdL	zwf	pull down
ybdM	zwf	pull down
ybdN	zwf	pull down

ybgJ	zwf	pull down
ybhO	zwf	pull down
ybiU	zwf	pull down
ydjI	zwf	pull down
yhhW	zwf	pull down

gatZ	pgi	pull down
hyfR	pgi	pull down
rcaA	pgi	pull down
thiE	pgi	pull down
thiM	pgi	pull down
yejH	pgi	pull down
yhiJ	pgi	pull down

icc	gadX	pull down
intD	gadX	pull down
nanA	gadX	pull down
rpoD	gadX	pull down

manC	galF	pull down
mutS	galF	pull down
mutY	galF	pull down
priA	galF	pull down
rluD	galF	pull down
yeil	galF	pull down
yggL	galF	pull down
ygiC	galF	pull down
ymjA	galF	pull down

ygfA	galM	pull down
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ilvG	galR	pull down
recJ	galR	pull down

galF	galU	pull down
ppnK	galU	pull down

tig	gatD	pull down
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groL	gatY	cosedimentation through density gradient
dnaJ	gatY	pull down

ftsZ	gatY	pull down
gatZ	gatY	comigration in non denaturing gel electrophoresis
ibpA	gatY	pull down
ibpB	gatY	pull down
mreB	gatY	pull down
pstB	gatY	pull down
rlmN	gatY	pull down

apt	gatZ	pull down
gapA	gatZ	pull down
greA	gatZ	pull down
hslU	gatZ	pull down
malY	gatZ	pull down
mtnN	gatZ	pull down
pyrH	gatZ	pull down
rplD	gatZ	pull down
secA	gatZ	pull down
serS	gatZ	pull down
tig	gatZ	pull down

cysB	gcvP	pull down
helD	gcvP	pull down
holA	gcvP	pull down
queF	gcvP	pull down

tig	gldA	pull down
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tdcD	glf	pull down
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tig	glk	pull down
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ispE	glmS	pull down
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glpC	glnA	pull down
gudX	glnA	pull down
pdxY	glnA	pull down
tusA	glnA	pull down

appY	glnD	pull down
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katE	glnD	pull down
fepC	glnD	pull down
ftsY	glnD	pull down
glnB	glnD	two hybrid
glnB	glnD	two hybrid
glnK	glnD	two hybrid
gmd	glnD	pull down
holC	glnD	pull down
msbB	glnD	pull down
murG	glnD	pull down
thiD	glnD	pull down
yajD	glnD	pull down

mhpF	glpD	pull down
acrR	glpD	pull down
thrA	glpD	pull down
atpD	glpD	pull down
atpH	glpD	pull down
betI	glpD	pull down
bglG	glpD	pull down
can	glpD	pull down
carB	glpD	pull down
cheZ	glpD	pull down
citD	glpD	pull down
cobT	glpD	pull down
copA	glpD	pull down
cyoA	glpD	pull down
damX	glpD	pull down
gadA	glpD	comigration in non denaturing gel electrophoresis
gadA	glpD	comigration in non denaturing gel electrophoresis
gcd	glpD	pull down
dam	glpD	pull down
dpiB	glpD	pull down
entA	glpD	pull down
entB	glpD	pull down
erpA	glpD	pull down
fabG	glpD	pull down
fepB	glpD	pull down
fepC	glpD	pull down
fepE	glpD	pull down
fkpB	glpD	pull down

flk	glpD	pull down
frmA	glpD	pull down
frmR	glpD	pull down
gatD	glpD	pull down
glnD	glpD	pull down
hemH	glpD	pull down
mhpE	glpD	pull down
iraP	glpD	pull down
thrB	glpD	pull down
livF	glpD	pull down
lpxB	glpD	pull down
lpxH	glpD	pull down
mhpA	glpD	pull down
mhpB	glpD	pull down
mlrA	glpD	pull down
msbB	glpD	pull down
murG	glpD	pull down
phoU	glpD	pull down
ppiB	glpD	pull down
ppiD	glpD	pull down
pstB	glpD	pull down
psuG	glpD	pull down
queC	glpD	pull down
recF	glpD	pull down
rfaC	glpD	pull down
ribF	glpD	pull down
rluD	glpD	pull down
rpoE	glpD	pull down
ileS	glpD	pull down
thiC	glpD	pull down
ubiF	glpD	pull down
ubiG	glpD	pull down
uspG	glpD	pull down
wecG	glpD	pull down
yacF	glpD	pull down
yacL	glpD	pull down
yadG	glpD	pull down
yail	glpD	pull down
ybaP	glpD	pull down
ybbO	glpD	pull down
ybdD	glpD	pull down
ybdH	glpD	pull down
ybhO	glpD	pull down
ybhP	glpD	pull down
ydiS	glpD	pull down

yfbQ	glpD	pull down
yfcH	glpD	pull down
yidB	glpD	pull down
yihL	glpD	pull down
yiiS	glpD	pull down
yjfl	glpD	pull down
yqhD	glpD	pull down
allR	glpK	pull down
astE	glpK	pull down
chpR	glpK	pull down
cspC	glpK	pull down
dksA	glpK	pull down
dmlR	glpK	pull down
eno	glpK	comigration in non denaturing gel electrophoresis
fdx	glpK	pull down
mug	glpK	pull down
yacL	glpK	pull down
yejF	glpK	pull down
yfcU	glpK	pull down
yfdQ	glpK	pull down
yggS	glpK	pull down
ykgD	glpK	pull down
udk	grxB	pull down
psuG	grxC	pull down
bolA	grxD	pull down
zntA	gltB	pull down
dxs	gltB	pull down
entB	gltB	pull down
fkpB	gltB	pull down
gltD	gltB	pull down
gltD	gltB	pull down
hisB	gltB	pull down
metH	gltB	pull down
yddE	gltB	pull down
ascB	gltD	pull down
murF	gltD	pull down
nfrA	gltD	pull down

aspS	gltD	pull down
yfaA	gltD	pull down

ackA	glyA	pull down
hmp	glyA	pull down
kil	glyA	pull down

fdhE	gmhB	pull down
rpoD	gmhB	pull down

hscA	gnsA	pull down
kil	gnsA	pull down

galM	gpmA	pull down
ibpA	gpmA	pull down
supH	gpmA	pull down
yagM	gpmA	pull down

cobU	gpmB	pull down
hslU	gpmB	pull down
nuol	gpmB	pull down
ylbA	gpmB	pull down

ahpC	gpml	comigration in non denaturing gel electrophoresis blue native page
gpmA	gpml	

pflB	grcA	pull down
pflB	grcA	pull down
queC	grcA	pull down
slyD	grcA	pull down
lysU	grcA	pull down
tpiA	grcA	pull down
tpiA	grcA	pull down
ycgF	grcA	pull down

accC	greA	pull down
ackA	greA	pull down
clpP	greA	pull down
hupB	greA	pull down
lysA	greA	pull down
dksA	greA	blue native page
fecl	greA	pull down
fkpB	greA	pull down
fxsA	greA	pull down
grpE	greA	pull down
hscC	greA	pull down
infB	greA	pull down
iscS	greA	pull down
yoeA_2	greA	pull down
rpmA	greA	pull down
rpoA	greA	pull down
sspB	greA	pull down
tauD	greA	pull down
ycgZ	greA	pull down
yiiS	greA	pull down

groL	grpE	pull down
clpX	grpE	pull down
dnaK	grpE	blue native page
dnaK	grpE	pull down
dnaK	grpE	pull down
eutP	grpE	pull down
holA	grpE	pull down
infB	grpE	pull down
ravA	grpE	pull down
yfiH	grpE	pull down

yjgD	gshA	pull down
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queD	gor	pull down
yfcL	gor	pull down

pdxH	gst	pull down
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amyA	guaA	pull down
diaA	guaA	pull down

oppA	guaA	pull down
rsmA	guaA	pull down
ybgK	guaA	pull down
yegV	guaA	pull down
acrD	gyrA	pull down
clpP	gyrA	pull down
dnaK	gyrA	blue native page
fdhE	gyrA	pull down
fliS	gyrA	two hybrid array
gyrA	gyrA	two hybrid array
gyrB	gyrA	pull down
gyrB	gyrA	pull down
gyrB	gyrA	comigration in non denaturing gel electrophoresis
hscC	gyrA	pull down
kdsA	gyrA	pull down
lsrK	gyrA	pull down
mog	gyrA	pull down
mreB	gyrA	pull down
msbB	gyrA	pull down
parC	gyrA	pull down
rpmJ	gyrA	two hybrid array
rpsE	gyrA	pull down
ssb	gyrA	pull down
smpB	gyrA	pull down
yacG	gyrA	pull down
yacG	gyrA	pull down
ygcB	gyrA	pull down
yjeJ	gyrA	pull down
gyrA	gyrB	pull down
gyrA	gyrB	pull down
metN	gyrB	pull down
moaA	gyrB	pull down
prfC	gyrB	pull down
rlmN	gyrB	pull down
rpsE	gyrB	pull down
smpB	gyrB	pull down
yacG	gyrB	pull down
yacG	gyrB	pull down
asnC	hchA	pull down
betI	hchA	pull down

cobS	hchA	pull down
cspB	hchA	pull down
cspE	hchA	pull down
cspG	hchA	pull down
cspI	hchA	pull down
cysD	hchA	pull down
eutC	hchA	pull down
fabB	hchA	pull down
ftsE	hchA	pull down
hemH	hchA	pull down
hycG	hchA	pull down
livG	hchA	pull down
mcbR	hchA	pull down
mprA	hchA	pull down
narP	hchA	pull down
oxc	hchA	pull down
pncB	hchA	pull down
pphB	hchA	pull down
pyrG	hchA	pull down
racC	hchA	pull down
rsd	hchA	pull down
rstA	hchA	pull down
srID	hchA	pull down
uidR	hchA	pull down
ydiV	hchA	pull down
yfbQ	hchA	pull down
yfjK	hchA	pull down

qseB	hdhA	pull down
tus	hdhA	pull down

cyoA	heID	pull down
ddlA	heID	pull down
dnaE	heID	pull down
fiu	heID	pull down
fIdA	heID	pull down
hisB	heID	pull down

hscC	helD	pull down
mhpB	helD	pull down
pepB	helD	pull down
rnk	helD	pull down
glyS	helD	pull down
yidF	helD	pull down

ftsY	hemB	pull down
rihA	hemB	pull down

ftsH	hfIC	pull down
oxaA	hfIC	pull down
pdxB	hfIC	pull down
yggF	hfIC	pull down

cheW	hfIK	pull down
cyoA	hfIK	pull down
fepB	hfIK	pull down
hofQ	hfIK	pull down
sucA	hfIK	pull down
oxaA	hfIK	pull down
ppiB	hfIK	pull down
uspF	hfIK	pull down
yecA	hfIK	pull down

agp	hfq	pull down
cspA	hfq	pull down
cspB	hfq	pull down
cspC	hfq	pull down
cspE	hfq	pull down
dps	hfq	pull down
elaB	hfq	pull down
fliS	hfq	pull down
lpxA	hfq	pull down
pgk	hfq	pull down
psuK	hfq	pull down
rne	hfq	pull down
topA	hfq	pull down
yacl	hfq	pull down
yecF	hfq	pull down
yjfl	hfq	pull down
yobB	hfq	pull down

rlmN	hinT	pull down
mviM	hisG	pull down
pabA	hisA	pull down
tig	hisB	pull down
dnaK	hisC	pull down
aidB	hldD	pull down
groS	hldD	pull down
groS	hldD	pull down
clpP	hldD	pull down
clpP	hldD	pull down
ndh	hldD	pull down
dps	hldD	pull down
dps	hldD	pull down
fadI	hldD	pull down
fruR	hldD	pull down
ftsE	hldD	pull down
hcaB	hldD	pull down
iclR	hldD	pull down
ppa	hldD	pull down
ispF	hldD	pull down
kdsA	hldD	pull down
lldD	hldD	pull down
lpxD	hldD	pull down
menB	hldD	pull down
menB	hldD	pull down
narG	hldD	pull down
ribH	hldD	pull down
ribH	hldD	pull down
rph	hldD	pull down
ubiH	hldD	pull down
uspG	hldD	pull down
ybjQ	hldD	pull down
ybjX	hldD	pull down
ydiH	hldD	pull down
cedA	hns	pull down

cspC	hns	blue native page
hupB	hns	pull down
polA	hns	pull down
fldA	hns	pull down
holE	hns	pull down
nfi	hns	pull down
obgE	hns	pull down
paaY	hns	pull down
pepT	hns	pull down
priB	hns	pull down
pyrH	hns	pull down
rpsL	hns	pull down
yqgF	hns	pull down
sbm	hns	pull down
topA	hns	pull down
torA	hns	pull down
uvrB	hns	pull down
uvrD	hns	pull down
yceD	hns	pull down
ychJ	hns	pull down
ydjF	hns	pull down
yeeN	hns	pull down
yejG	hns	pull down
yidB	hns	pull down
yiiS	hns	pull down
yqcA	hns	pull down

cspC	hrpA	pull down
cspE	hrpA	pull down
deaN	hrpA	pull down
polA	hrpA	pull down
dps	hrpA	pull down
hfq	hrpA	pull down
maeB	hrpA	pull down
rlmN	hrpA	pull down

rluB	hrpA	pull down
rluB	hrpA	pull down
rluC	hrpA	pull down
spoT	hrpA	pull down
trmB	hrpA	pull down
cbpA	hscA	pull down
dnaK	hscA	pull down
nifU	hscA	pull down
nifU	hscA	pull down
yphE	hscA	pull down
hscC	hslR	pull down
cyoA	hslU	pull down
hslU	hslU	two hybrid
hslV	hslU	pull down
sufI	hslU	pull down
trxA	hslU	tandem affinity purification
trxA	hslU	tandem affinity purification
ydjF	hslU	pull down
hslU	hslV	pull down
hslU	hslV	x-ray crystallography
hslU	hslV	x-ray crystallography
hslU	hslV	x-ray crystallography
hslU	hslV	x-ray crystallography
hslU	hslV	two hybrid
hslV	hslV	two hybrid
agaS	htpG	pull down
apaH	htpG	pull down
groS	htpG	pull down
clpS	htpG	pull down
cyoA	htpG	pull down
hupB	htpG	pull down
dam	htpG	pull down
dnaK	htpG	pull down
envY	htpG	pull down
recD	htpG	pull down
grxA	htpG	pull down
glvG	htpG	pull down
hemH	htpG	pull down

hscB	htpG	pull down
hyfG	htpG	pull down
adk	htpG	pull down
leuA	htpG	pull down
livF	htpG	pull down
napD	htpG	pull down
narQ	htpG	pull down
pbpC	htpG	pull down
rcaF	htpG	pull down
rfaF	htpG	pull down
rnb	htpG	pull down
rpoC	htpG	pull down
rpsB	htpG	pull down
sspB	htpG	pull down
stpA	htpG	pull down
trxA	htpG	tandem affinity purification
trxA	htpG	tandem affinity purification
tig	htpG	pull down
trpE	htpG	pull down
ushA	htpG	pull down
yagE	htpG	pull down
yagJ	htpG	pull down
yagS	htpG	pull down
ybdL	htpG	pull down
ybhK	htpG	pull down
ybiS	htpG	pull down
ycbK	htpG	pull down
ycdO	htpG	pull down
ydhZ	htpG	pull down
yebR	htpG	pull down
yeeV	htpG	pull down
yfiQ	htpG	pull down
ygcl	htpG	pull down
ygeV	htpG	pull down
yibD	htpG	pull down
yoaA	htpG	pull down
yqeB	htpG	pull down

yfiF	hybD	pull down
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trxA	icd	tandem affinity purification
trxA	icd	tandem affinity purification
aat	infA	pull down
accA	infB	pull down
clpB	infB	blue native page
cspB	infB	pull down
dnaJ	infB	pull down
entB	infB	pull down
fliA	infB	pull down
helD	infB	pull down
holA	infB	pull down
hyfR	infB	pull down
ibpA	infB	pull down
lsrK	infB	pull down
nusA	infB	pull down
nusA	infB	pull down
nusA	infB	pull down
ravA	infB	pull down
rlmN	infB	pull down
rodZ	infB	pull down
rpoD	infB	pull down
rpoD	infB	pull down
rsmG	infB	pull down
sspB	infB	pull down
smpB	infB	pull down
yecA	infB	pull down
yeeN	infB	pull down
cbpA	infC	pull down
rlmN	infC	pull down
rnr	infC	pull down
secA	infC	pull down
hupB	ihfA	pull down

folM	ihfA	pull down
ihfB	ihfA	pull down
iraP	ihfA	pull down
lpxH	ihfA	pull down
mfd	ihfA	pull down
mqsR	ihfA	pull down
nfi	ihfA	pull down
rnrr	ihfA	pull down
yfiF	ihfA	pull down

hupB	ihfB	pull down
hcaC	ihfB	pull down
ihfA	ihfB	pull down
nfi	ihfB	pull down

greA	guaB	pull down
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cda	cdi	x-ray crystallography
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fabH	intS	pull down
fepC	intS	pull down
flgG	intS	pull down
fre	intS	pull down
kil	intS	pull down
lpxH	intS	pull down
nrde	intS	pull down
rplQ	intS	pull down
sodA	intS	pull down

yiiS	iscA	pull down
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acpP	iscS	tandem affinity purification
appY	iscS	pull down
atpH	iscS	pull down
baeR	iscS	pull down
lpdA	iscS	pull down
engD	iscS	pull down
fdhD	iscS	pull down
fdhD	iscS	pull down

fdx	iscS	pull down
gnsA	iscS	pull down
hcaC	iscS	pull down
hofQ	iscS	pull down
menE	iscS	pull down
miaA	iscS	pull down
murF	iscS	pull down
nifU	iscS	pull down
nifU	iscS	pull down
nifU	iscS	pull down
nifU	iscS	pull down
nifU	iscS	pull down
nusG	iscS	pull down
panB	iscS	pull down
proA	iscS	pull down
pyrE	iscS	pull down
queC	iscS	pull down
rhaR	iscS	pull down
rimO	iscS	pull down
rlmA	iscS	pull down
rnk	iscS	pull down
rraA	iscS	pull down
sprT	iscS	pull down
tusA	iscS	pull down
tusA	iscS	pull down
ybeL	iscS	pull down
yeaK	iscS	pull down
yech	iscS	pull down
ygaD	iscS	pull down
ymjA	iscS	pull down
cysC	ispD	pull down
tig	ispD	pull down

moeA	pfkA	pull down
tpiA	pfkA	pull down
ucpA	pfkA	pull down

cheW	adk	pull down
clpP	adk	pull down
entB	adk	pull down
frmR	adk	pull down
glnB	adk	pull down
sfmC	adk	pull down
tig	adk	pull down
yihI	adk	pull down
gsp	katG	pull down
holE	katG	pull down
ppa	katG	pull down
murE	katG	pull down
fruB	katG	pull down
trxA	katG	tandem affinity purification
ebgC	kbl	pull down
ydcP	kbl	pull down
frlD	kdsB	pull down
kdsA	kdsB	pull down
nemR	kdsB	pull down
argG	kefA	pull down
nusG	kefA	pull down
rne	kefA	affinity chromatography technology
rne	kefA	affinity chromatography technology
rne	kefA	affinity chromatography technology
rne	kefA	affinity chromatography technology
rne	kefA	affinity chromatography technology
rne	kefA	affinity chromatography technology
rne	kefA	affinity chromatography technology
pgl	prs	pull down

aaeR	prs	pull down
accA	prs	pull down
allS	prs	pull down
arcA	prs	pull down
basR	prs	pull down
betI	prs	pull down
bioA	prs	pull down
bioC	prs	pull down
clpP	prs	pull down
cspE	prs	pull down
cynS	prs	pull down
cyoA	prs	pull down
dbpA	prs	pull down
ddpD	prs	pull down
ddpF	prs	pull down
dpiA	prs	pull down
nei	prs	pull down
erfK	prs	pull down
recB	prs	pull down
fliD	prs	pull down
fnr	prs	pull down
ftsE	prs	pull down
fumC	prs	pull down
greA	prs	pull down
hns	prs	pull down
mhpE	prs	pull down
hslV	prs	pull down
hych	prs	pull down
pykF	prs	pull down
livG	prs	pull down
lpxB	prs	pull down
manA	prs	pull down
trg	prs	pull down
meiR	prs	pull down
metK	prs	pull down
miaB	prs	pull down
mngR	prs	pull down
mntR	prs	pull down
modF	prs	pull down
mraZ	prs	pull down
mukB	prs	pull down
mukE	prs	pull down
nac	prs	pull down
narY	prs	pull down
nsrR	prs	pull down

ompR	prs	pull down
pabB	prs	pull down
phnD	prs	pull down
proB	prs	pull down
pphB	prs	pull down
pth	prs	pull down
purL	prs	pull down
rdgC	prs	pull down
recR	prs	pull down
rluD	prs	pull down
rfbD	prs	pull down
rnk	prs	pull down
rsmH	prs	pull down
rstA	prs	pull down
yqgF	prs	pull down
sbcC	prs	pull down
sirB1	prs	pull down
sprT	prs	pull down
stfQ	prs	pull down
stpA	prs	pull down
sucC	prs	pull down
lacA	prs	pull down
trxC	prs	pull down
tpiA	prs	pull down
tusA	prs	pull down
ung	prs	pull down
wcaA	prs	pull down
xapA	prs	pull down
xerC	prs	pull down
xerD	prs	pull down
yafN	prs	pull down
yahB	prs	pull down
yahD	prs	pull down
yahF	prs	pull down
ybaQ	prs	pull down
ybhO	prs	pull down
yceG	prs	pull down
ycfD	prs	pull down
ycil	prs	pull down
ycjZ	prs	pull down
ydaT	prs	pull down
ydcS	prs	pull down
ydhW	prs	pull down
ydiA	prs	pull down
ydiV	prs	pull down

ydjF	prs	pull down
yeaK	prs	pull down
yeaM	prs	pull down
yebC	prs	pull down
yfeS	prs	pull down
yfhR	prs	pull down
yfiE	prs	pull down
yfjK	prs	pull down
yfjR	prs	pull down
ygbJ	prs	pull down
yhaK	prs	pull down
yidL	prs	pull down
yneJ	prs	pull down
ypjB	prs	pull down
yqiB	prs	pull down
pepP	pykF	pull down
gltA	pykF	comigration in non denaturing gel electrophoresis
fumC	pykF	pull down
pflB	pykA	pull down
trxA	pykA	tandem affinity purification
usg	pykA	pull down
lepB	lepB	blue native page
glnD	lepA	pull down
yciU	lepA	pull down
helD	lipA	pull down
murC	lipA	pull down
sucA	lipA	pull down
sucB	lipA	pull down
fepB	lldD	pull down
yfgL	lldD	pull down
yigA	lldD	pull down
yihU	lldD	pull down
zntA	lon	pull down
cbpA	lon	pull down
groL	lon	pull down
citC	lon	pull down

clpP	lon	pull down
clpS	lon	pull down
cyoA	lon	pull down
djIC	lon	pull down
dnaK	lon	pull down
dnaQ	lon	pull down
dps	lon	pull down
dxs	lon	pull down
nfo	lon	pull down
entB	lon	pull down
era	lon	pull down
fabZ	lon	pull down
fldA	lon	pull down
flgG	lon	pull down
grpE	lon	pull down
hfq	lon	pull down
holC	lon	pull down
hslU	lon	pull down
lolA	lon	pull down
lsrK	lon	pull down
moaD	lon	pull down
narY	lon	pull down
pbpC	lon	pull down
purL	lon	pull down
rfaY	lon	pull down
rlmE	lon	pull down
rlmN	lon	pull down
rpoC	lon	pull down
secB	lon	pull down
secB	lon	pull down
smg	lon	pull down
ffh	lon	pull down
sspB	lon	pull down
sbp	lon	pull down
sufS	lon	pull down
yajO	lon	pull down
ybdG	lon	pull down
ybhB	lon	pull down
ybjD	lon	pull down
ycgF	lon	pull down
ycjX	lon	pull down
ydjF	lon	pull down
ygeV	lon	pull down
yhbU	lon	pull down
yjeP	lon	pull down

ylbF	lon	pull down
lpp	lpp	blue native page
lpxD	lpxA	pull down
rnhB	lpxA	pull down
zapA	lpxA	pull down
fkpA	lpxB	pull down
iscS	lpxB	pull down
acpP	lpxD	pull down
acpP	lpxD	pull down
ligA	lpxD	pull down
hfq	lpxD	pull down
proA	lpxD	pull down
folA	lrp	pull down
eutP	lrp	pull down
msrA	lrp	pull down
oppF	lrp	pull down
sspB	lrp	pull down
upp	lrp	pull down
tig	luxS	pull down
yjjV	luxS	pull down
uxaA	arrD	pull down
ycgY	arrD	pull down
radA	lysR	pull down
ulaR	lysR	pull down
groS	malE	fluorescent resonance energy transfer
groS	malE	fluorescent resonance energy transfer
groL	malE	fluorescence polarization spectroscopy
groL	malE	fluorescence correlation spectroscopy
groL	malE	fluorescent resonance energy transfer
dnaJ	malE	classical fluorescence spectroscopy
osmC	malE	pull down
talB	malE	comigration in non denaturing gel electrophoresis

trxA	malE	tandem affinity purification
ftsZ	malK	pull down
gyrA	malK	pull down
ibpA	malK	pull down
ibpA	malK	pull down
ibpB	malK	pull down
mreB	malK	pull down
hupA	malQ	pull down
hupB	malQ	pull down
hupB	malQ	pull down
hns	malQ	pull down
mtlR	malQ	pull down
rpsB	malQ	pull down
vsr	malQ	pull down
acpP	malT	pull down
dnaJ	malT	pull down
gatY	malT	pull down
ibpA	malT	pull down
ibpB	malT	pull down
mreB	malT	pull down
murG	malT	pull down
ybeZ	malT	pull down
rihA	malT	pull down
rlmN	malT	pull down
adhP	aceB	pull down
araD	aceB	pull down
atoB	aceB	pull down
glgX	aceB	pull down
tgt	aceB	pull down
clpB	glcB	pull down
rnfC	glcB	pull down
yfcZ	glcB	pull down
yfdZ	glcB	pull down
yiiS	glcB	pull down
appY	hyaB	pull down

hybG	hyaB	pull down
fadD	hyaB	pull down
hybO	hyaB	blue native page
pyrD	hyaB	pull down
rsmC	hyaB	pull down
yhhI	hyaB	pull down

groL	mdh	molecular sieving
mnmE	mdh	pull down
ycgL	mdh	pull down

corA	mdtE	pull down
mdtE	mdtE	blue native page
mdtE	mdtE	blue native page

pheT	mdtO	pull down
ycgL	mdtO	pull down

menH	menB	pull down
rplC	menB	pull down

fadB	metE	pull down
gabT	metE	pull down
greA	metE	pull down
hslU	metE	pull down
uvrD	metE	pull down
yaaX	metE	pull down
yjeE	metE	pull down

corC	metH	pull down
dppF	metH	pull down
dut	metH	pull down
hisD	metH	pull down
prpB	metH	pull down
recR	metH	pull down
rpoC	metH	pull down
yddH	metH	pull down
yjdA	metH	pull down

cbpA	metK	pull down
cheA	metK	two hybrid array

clpP	metK	pull down
clpX	metK	pull down
dnaJ	metK	pull down
polA	metK	pull down
tufA	metK	pull down
fabA	metK	pull down
grpE	metK	pull down
gyrA	metK	pull down
gyrB	metK	pull down
hslU	metK	pull down
ibpA	metK	pull down
ibpA	metK	pull down
kdsA	metK	pull down
malT	metK	pull down
pnp	metK	pull down
rlmN	metK	pull down
secA	metK	pull down
ffh	metK	pull down
gadA	metQ	comigration in non denaturing gel electrophoresis
gadA	metQ	comigration in non denaturing gel electrophoresis
garL	mfd	pull down
rpoB	mfd	two hybrid
rpoB	mfd	two hybrid
rpoD	mfd	pull down
pheT	mfd	pull down
xylA	mfd	pull down
yddE	mfd	pull down
bolA	miaB	pull down
mreB	miaB	pull down
puuB	miaB	pull down
manA	minC	pull down
groS	minD	pull down
cheW	minD	pull down
fkpA	minD	pull down
fliL	minD	pull down
mreB	minD	pull down
secA	minD	pull down
ychJ	minD	pull down
rhsE	minE	pull down

yfjM	minE	pull down
ymfJ	minE	pull down
ynaE	minE	pull down

cheB	mngB	pull down
garL	mngB	pull down
hyaD	mngB	pull down
manB	mngB	pull down
mug	mngB	pull down
osmC	mngB	pull down
queF	mngB	pull down
tusA	mngB	pull down
ychJ	mngB	pull down
ydfZ	mngB	pull down

moaE	moaA	pull down
ybhA	moaA	pull down

dcrB	moaB	blue native page
moaC	moaB	pull down

hemG	mobA	pull down
mobB	mobA	adenylate cyclase complementation
moeA	mobA	adenylate cyclase complementation
moeA	mobA	adenylate cyclase complementation
moeA	mobA	adenylate cyclase complementation
rfaH	mobA	pull down

iaaA	moeA	pull down
mobB	moeA	adenylate cyclase complementation
moeA	moeA	adenylate cyclase complementation

metN	yehH	pull down
relA	yehH	pull down
rraA	yehH	pull down
rpsO	yehH	pull down
ydjA	yehH	pull down
yhdH	yehH	pull down
ylbA	yehH	pull down
gsk	mpl	pull down
malY	mpl	pull down
yihI	mpl	pull down
yjgD	mpl	pull down
cobU	mprA	pull down
mraZ	mraZ	two hybrid array
yjeF	mraZ	pull down
yjeF	mraZ	pull down
groS	mreB	pull down
cheW	mreB	pull down
clpX	mreB	pull down
dnaJ	mreB	pull down
dxs	mreB	pull down
tufA	mreB	pull down
erpA	mreB	pull down
fkpB	mreB	pull down
ftsA	mreB	pull down
ftsZ	mreB	pull down
grxA	mreB	pull down
grxD	mreB	pull down
gyrA	mreB	pull down
hslU	mreB	pull down
ibpA	mreB	pull down
ibpB	mreB	pull down
lpxB	mreB	pull down
malT	mreB	pull down
metK	mreB	pull down
miaB	mreB	pull down
narG	mreB	pull down
nusG	mreB	pull down
sucB	mreB	pull down
oxaA	mreB	pull down
parC	mreB	pull down

pnp	mreB	pull down
prsA	mreB	pull down
pstB	mreB	pull down
recE	mreB	pull down
nrdA	mreB	pull down
nrdB	mreB	pull down
rlmN	mreB	pull down
rph	mreB	pull down
rpoA	mreB	pull down
secA	mreB	pull down
trxA	mreB	tandem affinity purification
tig	mreB	pull down
yacl	mreB	pull down
ycho	mreB	pull down
ydjF	mreB	pull down
yeaK	mreB	pull down
yeaM	mreB	pull down
ligA	mreC	pull down
ygiM	mreC	pull down
nfuA	mrp	pull down
yggD	mrr	pull down
ibpA	msbB	pull down
glmM	mscS	pull down
ppa	msrA	pull down
iscA	msrA	pull down
fimD	mtlD	pull down
recJ	mtlD	pull down
selA	mtlD	pull down
stfQ	mtlD	pull down
ycbK	mtlD	pull down
ydeP	mtlD	pull down
ydfI	mtlD	pull down
sgcE	mtnN	pull down
pyrC	solA	pull down
cca	mukE	pull down

mukB	mukE	pull down
mukB	mukE	pull down
cheB	mutS	pull down
fliJ	mutS	pull down
pykA	mutS	pull down
mutS	mutS	adenylate cyclase complementation
rihA	mutS	pull down
yecA	mutS	pull down
agp	mutT	pull down
torA	mutT	pull down
alkA	nadE	pull down
gnd	nadE	pull down
pgl	nadE	pull down
aspC	nadE	pull down
accC	nadE	pull down
mhpF	nadE	pull down
acnA	nadE	pull down
acs	nadE	pull down
ade	nadE	pull down
adhE	nadE	pull down
aes	nadE	pull down
melA	nadE	pull down
agaS	nadE	pull down
allB	nadE	pull down
allC	nadE	pull down
allD	nadE	pull down
amiA	nadE	pull down
pepP	nadE	pull down
anmK	nadE	pull down
appY	nadE	pull down
araB	nadE	pull down
araF	nadE	pull down
arcC	nadE	pull down
yahl	nadE	pull down
aroA	nadE	pull down
aroE	nadE	pull down
aroG	nadE	pull down
aroH	nadE	pull down
arsC	nadE	pull down
artP	nadE	pull down
asnB	nadE	pull down

aspA	nadE	pull down
astA	nadE	pull down
atoC	nadE	pull down
baeR	nadE	pull down
bcp	nadE	pull down
betI	nadE	pull down
bglA	nadE	pull down
uidA	nadE	pull down
bioB	nadE	pull down
bioF	nadE	pull down
btuE	nadE	pull down
ybdK	nadE	pull down
can	nadE	pull down
cbpA	nadE	pull down
cbrC	nadE	pull down
cca	nadE	pull down
groS	nadE	pull down
cheA	nadE	pull down
cheB	nadE	pull down
cheW	nadE	pull down
cheY	nadE	pull down
gltA	nadE	pull down
clpA	nadE	pull down
clpB	nadE	pull down
clpS	nadE	pull down
clpX	nadE	pull down
cmoB	nadE	pull down
codA	nadE	pull down
corC	nadE	pull down
csdA	nadE	pull down
cspB	nadE	pull down
cspC	nadE	pull down
cspl	nadE	pull down
cusR	nadE	pull down
cutA	nadE	pull down
cysE	nadE	pull down
cysG	nadE	pull down
cysK	nadE	pull down
cysM	nadE	pull down
dapA	nadE	pull down
hupB	nadE	pull down
speF	nadE	pull down
ddlA	nadE	pull down
ddpD	nadE	pull down
deoC	nadE	pull down

mgIB	nadE	pull down
sdhA	nadE	pull down
dinD	nadE	pull down
dinG	nadE	pull down
dmsB	nadE	pull down
dnaA	nadE	pull down
dsbC	nadE	pull down
edd	nadE	pull down
fusA	nadE	pull down
nei	nadE	pull down
eno	nadE	pull down
entB	nadE	pull down
entC	nadE	pull down
entE	nadE	pull down
eutC	nadE	pull down
eutD	nadE	pull down
fabD	nadE	pull down
fabH	nadE	pull down
fadB	nadE	pull down
frc	nadE	pull down
fdhE	nadE	pull down
fdoG	nadE	pull down
fpr	nadE	pull down
fepB	nadE	pull down
fepC	nadE	pull down
fixA	nadE	pull down
fixX	nadE	pull down
fldB	nadE	pull down
flgB	nadE	pull down
flgE	nadE	pull down
flgF	nadE	pull down
flgG	nadE	pull down
flhD	nadE	pull down
fliC	nadE	pull down
fliG	nadE	pull down
fliJ	nadE	pull down
fliK	nadE	pull down
fliS	nadE	pull down
flxA	nadE	pull down
fnr	nadE	pull down
folC	nadE	pull down
folD	nadE	pull down
fre	nadE	pull down
frlD	nadE	pull down
fruR	nadE	pull down

ftnB	nadE	pull down
fucO	nadE	pull down
fumA	nadE	pull down
fur	nadE	pull down
gabT	nadE	pull down
galT	nadE	pull down
galE	nadE	pull down
galF	nadE	pull down
galM	nadE	pull down
garL	nadE	pull down
gatD	nadE	pull down
gatR	nadE	pull down
gcvP	nadE	pull down
glf	nadE	pull down
glk	nadE	pull down
glnB	nadE	pull down
glnD	nadE	pull down
glpD	nadE	pull down
glpX	nadE	pull down
grxA	nadE	pull down
grxD	nadE	pull down
glxR	nadE	pull down
gpsA	nadE	pull down
gph	nadE	pull down
gpmA	nadE	pull down
gpml	nadE	pull down
greA	nadE	pull down
greB	nadE	pull down
grpE	nadE	pull down
gshB	nadE	pull down
gor	nadE	pull down
gsp	nadE	pull down
guaA	nadE	pull down
gudD	nadE	pull down
hcaD	nadE	pull down
hchA	nadE	pull down
hemF	nadE	pull down
hinT	nadE	pull down
hmp	nadE	pull down
holB	nadE	pull down
holE	nadE	pull down
hyaE	nadE	pull down
hyaF	nadE	pull down
hyi	nadE	pull down
icd	nadE	pull down

infA	nadE	pull down
ihfA	nadE	pull down
gsk	nadE	pull down
iraP	nadE	pull down
iscS	nadE	pull down
katG	nadE	pull down
kbaY	nadE	pull down
cmk	nadE	pull down
kdsB	nadE	pull down
kduI	nadE	pull down
pykF	nadE	pull down
ldhA	nadE	pull down
leuA	nadE	pull down
lipA	nadE	pull down
lon	nadE	pull down
lptC	nadE	pull down
lrp	nadE	pull down
lsrG	nadE	pull down
lsrK	nadE	pull down
ltaE	nadE	pull down
manA	nadE	pull down
manB	nadE	pull down
maeB	nadE	pull down
hybC	nadE	pull down
hybO	nadE	pull down
menB	nadE	pull down
menC	nadE	pull down
menE	nadE	pull down
menF	nadE	pull down
metB	nadE	pull down
metK	nadE	pull down
mhpB	nadE	pull down
mhpD	nadE	pull down
minE	nadE	pull down
mliC	nadE	pull down
mmuM	nadE	pull down
mnmA	nadE	pull down
moaA	nadE	pull down
moaC	nadE	pull down
moaD	nadE	pull down
moaE	nadE	pull down
moeA	nadE	pull down
moeB	nadE	pull down
yedP	nadE	pull down
mrp	nadE	pull down

mtfA	nadE	pull down
murA	nadE	pull down
murE	nadE	pull down
murF	nadE	pull down
murR	nadE	pull down
nadA	nadE	pull down
nagA	nadE	pull down
nagB	nadE	pull down
nagK	nadE	pull down
nanA	nadE	pull down
narH	nadE	pull down
narW	nadE	pull down
nfuA	nadE	pull down
nhoA	nadE	pull down
nlpA	nadE	pull down
nlpB	nadE	pull down
nohB	nadE	pull down
norV	nadE	pull down
nrdD	nadE	pull down
nrdH	nadE	pull down
nrdR	nadE	pull down
nrfB	nadE	pull down
nrfG	nadE	pull down
nudB	nadE	pull down
nudG	nadE	pull down
nusB	nadE	pull down
oppF	nadE	pull down
osmF	nadE	pull down
argI	nadE	pull down
otsB	nadE	pull down
oxc	nadE	pull down
proC	nadE	pull down
paaB	nadE	pull down
panE	nadE	pull down
pdxB	nadE	pull down
pepT	nadE	pull down
pflA	nadE	pull down
pflB	nadE	pull down
pgm	nadE	pull down
phoB	nadE	pull down
phoP	nadE	pull down
pncB	nadE	pull down
poxB	nadE	pull down
pptA	nadE	pull down
ppx	nadE	pull down

prmA	nadE	pull down
prpB	nadE	pull down
prpC	nadE	pull down
prpD	nadE	pull down
psuG	nadE	pull down
psuK	nadE	pull down
ptsl	nadE	pull down
pta	nadE	pull down
frwB	nadE	pull down
ptrA	nadE	pull down
purB	nadE	pull down
purH	nadE	pull down
purE	nadE	pull down
purK	nadE	pull down
purT	nadE	pull down
puuB	nadE	pull down
pyrC	nadE	pull down
pyrG	nadE	pull down
qorB	nadE	pull down
queA	nadE	pull down
racR	nadE	pull down
rbfA	nadE	pull down
rbsB	nadE	pull down
recA	nadE	pull down
recG	nadE	pull down
relB	nadE	pull down
prfA	nadE	pull down
rfaH	nadE	pull down
rhIE	nadE	pull down
rhmD	nadE	pull down
ribD	nadE	pull down
ribF	nadE	pull down
rihA	nadE	pull down
rihB	nadE	pull down
rimO	nadE	pull down
rplK	nadE	pull down
rpmA	nadE	pull down
rpmC	nadE	pull down
rlmL	nadE	pull down
rlmN	nadE	pull down
rluF	nadE	pull down
rmIA1	nadE	pull down
rfbB	nadE	pull down
rnb	nadE	pull down
rnk	nadE	pull down

rpoD	nadE	pull down
rpsO	nadE	pull down
rpsP	nadE	pull down
rsmC	nadE	pull down
rumB	nadE	pull down
rutA	nadE	pull down
rutC	nadE	pull down
ruvA	nadE	pull down
sbcD	nadE	pull down
dsdA	nadE	pull down
selD	nadE	pull down
serB	nadE	pull down
serC	nadE	pull down
yeiG	nadE	pull down
smtA	nadE	pull down
speA	nadE	pull down
speB	nadE	pull down
spr	nadE	pull down
ssuD	nadE	pull down
sbp	nadE	pull down
sufA	nadE	pull down
sufE	nadE	pull down
suhB	nadE	pull down
supH	nadE	pull down
cysS	nadE	pull down
aspS	nadE	pull down
lysS	nadE	pull down
asnS	nadE	pull down
thrS	nadE	pull down
trpS	nadE	pull down
tyrS	nadE	pull down
hsdM	nadE	pull down
talA	nadE	pull down
tdh	nadE	pull down
tesB	nadE	pull down
tgt	nadE	pull down
thiF	nadE	pull down
thiL	nadE	pull down
tig	nadE	pull down
tldD	nadE	pull down
treC	nadE	pull down
trpA	nadE	pull down
trpB	nadE	pull down
trpC	nadE	pull down
trpE	nadE	pull down

trxB	nadE	pull down
tusA	nadE	pull down
ubiF	nadE	pull down
uspF	nadE	pull down
uup	nadE	pull down
uxaB	nadE	pull down
uxaC	nadE	pull down
uxuA	nadE	pull down
uxuB	nadE	pull down
xisE	nadE	pull down
wbbJ	nadE	pull down
wcaA	nadE	pull down
xapA	nadE	pull down
yacF	nadE	pull down
yafP	nadE	pull down
yagT	nadE	pull down
yahD	nadE	pull down
yahE	nadE	pull down
yahG	nadE	pull down
yahJ	nadE	pull down
yahK	nadE	pull down
yaiA	nadE	pull down
yaiL	nadE	pull down
yajO	nadE	pull down
ybaB	nadE	pull down
ybaK	nadE	pull down
ybbA	nadE	pull down
ybcO	nadE	pull down
ybdB	nadE	pull down
ybdD	nadE	pull down
ybdH	nadE	pull down
ybdL	nadE	pull down
ybdM	nadE	pull down
ybeD	nadE	pull down
ybeL	nadE	pull down
ybgL	nadE	pull down
ybhK	nadE	pull down
ybhO	nadE	pull down
ybiA	nadE	pull down
ybil	nadE	pull down
yccJ	nadE	pull down
ycdO	nadE	pull down
ycdX	nadE	pull down
ycfH	nadE	pull down
ycgL	nadE	pull down

ycgR	nadE	pull down
ycho	nadE	pull down
yciA	nadE	pull down
yciE	nadE	pull down
yciG	nadE	pull down
ycil	nadE	pull down
yciN	nadE	pull down
yciT	nadE	pull down
ycjW	nadE	pull down
ydaE	nadE	pull down
ydaS	nadE	pull down
ydaY	nadE	pull down
yddE	nadE	pull down
ydfG	nadE	pull down
ydfX	nadE	pull down
ydfZ	nadE	pull down
ydhQ	nadE	pull down
ydhS	nadE	pull down
ydhZ	nadE	pull down
ydiE	nadE	pull down
ydiS	nadE	pull down
ydjJ	nadE	pull down
yeaD	nadE	pull down
yeaE	nadE	pull down
yeaG	nadE	pull down
yeaK	nadE	pull down
yeaO	nadE	pull down
yeaR	nadE	pull down
yebC	nadE	pull down
yebG	nadE	pull down
yecF	nadE	pull down
yechH	nadE	pull down
yecJ	nadE	pull down
yedF	nadE	pull down
yedK	nadE	pull down
yedN	nadE	pull down
yeeU	nadE	pull down
yeeV	nadE	pull down
yegL	nadE	pull down
yegS	nadE	pull down
yegU	nadE	pull down
yegV	nadE	pull down
yejG	nadE	pull down
yfcL	nadE	pull down
yfcU	nadE	pull down

yfdE	nadE	pull down
yfdZ	nadE	pull down
yfeX	nadE	pull down
yfgD	nadE	pull down
yfhA	nadE	pull down
yfhL	nadE	pull down
ygaD	nadE	pull down
ygck	nadE	pull down
ygdK	nadE	pull down
ygfZ	nadE	pull down
yggW	nadE	pull down
ygiF	nadE	pull down
ygiN	nadE	pull down
yhbY	nadE	pull down
yhcC	nadE	pull down
yhcO	nadE	pull down
yheU	nadE	pull down
yhfS	nadE	pull down
yhiN	nadE	pull down
yhiR	nadE	pull down
yihT	nadE	pull down
yihU	nadE	pull down
yiiS	nadE	pull down
yjaA	nadE	pull down
yjbJ	nadE	pull down
yjcF	nadE	pull down
yjeE	nadE	pull down
yjgR	nadE	pull down
yjjK	nadE	pull down
ylbA	nadE	pull down
ymjA	nadE	pull down
ynaK	nadE	pull down
yobA	nadE	pull down
yobB	nadE	pull down
yohF	nadE	pull down
ypdE	nadE	pull down
yqjG	nadE	pull down
yraN	nadE	pull down
yrbA	nadE	pull down
yrbB	nadE	pull down
ade	nagC	pull down
cheZ	nagC	pull down
cyoA	nagC	pull down
fepB	nagC	pull down

gltF	nanA	pull down
yaiA	nanA	pull down
iciA	nanR	pull down
fabF	napG	pull down
narP	napG	pull down
thiC	napG	pull down
uxaB	napG	pull down
groL	narG	pull down
clpP	narG	pull down
dnaJ	narG	pull down
hscC	narG	pull down
hslU	narG	pull down
mreB	narG	pull down
narH	narG	blue native page
narH	narG	pull down
narH	narG	pull down
narJ	narG	pull down
narJ	narG	pull down
narW	narG	pull down
narW	narG	pull down
narY	narG	pull down
narZ	narG	pull down
pstB	narG	pull down
purL	narG	pull down
rph	narG	pull down
uvrA	narG	pull down
fixC	narH	pull down
gcl	narH	pull down
narG	narH	x-ray crystallography
narG	narH	x-ray crystallography
narG	narH	x-ray crystallography
narG	narH	x-ray crystallography
narG	narH	x-ray crystallography
narG	narH	x-ray crystallography
narJ	narH	pull down
narJ	narH	pull down
narW	narH	pull down
narY	narH	pull down
narZ	narH	pull down
narZ	narH	pull down

psuK	narH	pull down
narG	narJ	pull down
narG	narJ	pull down
eutP	narL	pull down
nudK	narL	pull down
cspA	nfnB	pull down
damX	nfnB	pull down
hupB	nfnB	pull down
degS	nfnB	pull down
mcrA	nfnB	pull down
chbA	nfnB	pull down
rhIE	nfnB	pull down
rpsE	nfnB	pull down
uppS	nfnB	pull down
yjfF	nfnB	pull down
yhiR	nfnB	pull down
yneG	nfnB	pull down
cheR	ydbK	two hybrid array
fhuF	ydbK	pull down
mbhA	ydbK	two hybrid array
ydbK	ydbK	two hybrid array
nrdR	ydbK	pull down
fixC	glnG	pull down
lldD	glnG	pull down
glnL	glnG	two hybrid
glnL	glnG	two hybrid
glnG	glnG	two hybrid
pqqL	glnG	pull down

rhsE	glnG	pull down
tig	nudC	pull down
moeB	nudK	pull down
hslU	nuoC	pull down
mreB	nuoC	pull down
rlmN	nuoC	pull down
fes	nuoF	pull down
malY	nuoF	pull down
nuoE	nuoF	pull down
asmA	nuoG	pull down
bioA	nuoG	pull down
groL	nuoG	pull down
cysB	nuoG	pull down
fliJ	nuoG	pull down
gatD	nuoG	pull down
gudD	nuoG	pull down
hscC	nuoG	pull down
hyaD	nuoG	pull down
kduD	nuoG	pull down
lsrK	nuoG	pull down
mprA	nuoG	pull down
msbB	nuoG	pull down
napD	nuoG	pull down
nfuA	nuoG	pull down
nuoC	nuoG	blue native page
nuoE	nuoG	pull down
nuoF	nuoG	pull down
argS	nuoG	pull down
thiD	nuoG	pull down
trpH	nuoG	pull down
yacl	nuoG	pull down
ybeR	nuoG	pull down
yegQ	nuoG	pull down
yehK	nuoG	pull down
yjeJ	nuoG	pull down
ymdB	nuoG	pull down

yqgE	nucG	pull down
zwf	nusA	pull down
ihfB	nusA	pull down
rapA	nusA	pull down
rpoA	nusA	pull down
rpoA	nusA	pull down
rpoB	nusA	pull down
rpoB	nusA	pull down
rpoC	nusA	pull down
rpoD	nusA	pull down
rpoD	nusA	pull down
rpoZ	nusA	pull down
yacl	nusA	pull down
rpsJ	nusB	pull down
rpsJ	nusB	pull down
rpsJ	nusB	pull down
adiA	sucA	pull down
uvrC	sucA	pull down
ycbL	sucA	pull down
yheS	sucA	pull down
pepA	sucB	pull down
bioH	sucB	pull down
dcyD	sucB	pull down
dcyD	sucB	pull down
dnaJ	sucB	pull down
fabA	sucB	pull down
lasT	sucB	pull down
livK	sucB	pull down
lpxC	sucB	pull down
nusG	sucB	pull down
ppiD	sucB	pull down
sucC	sucB	pull down
tyrS	sucB	pull down
tig	sucB	pull down
uvrC	sucB	pull down
ybaP	sucB	pull down
ybhB	sucB	pull down
ybhC	sucB	pull down
ycbB	sucB	pull down
ycgF	sucB	pull down
ydjF	sucB	pull down

ydjI	sucB	pull down
yfcL	sucB	pull down
yhhW	sucB	pull down
yraN	sucB	pull down
frdA	aceE	comigration in non denaturing gel electrophoresis
ompW	aceE	anti bait coimmunoprecipitation
acpP	aceE	pull down
tynA	aceE	pull down
araA	aceE	pull down
cedA	aceE	pull down
cheY	aceE	pull down
cheY	aceE	pull down
clpP	aceE	pull down
cmoB	aceE	pull down
cspB	aceE	pull down
cspD	aceE	pull down
deaD	aceE	pull down
deaD	aceE	pull down
lpdA	aceE	pull down
dam	aceE	pull down
dnaB	aceE	pull down
dnaJ	aceE	pull down
ligA	aceE	pull down
dusC	aceE	pull down
dxs	aceE	pull down
fdhD	aceE	pull down
fdnG	aceE	pull down
fdnG	aceE	pull down
ftsA	aceE	pull down
ftsK	aceE	pull down
fumB	aceE	pull down
gcp	aceE	pull down
greA	aceE	pull down
hns	aceE	pull down
holB	aceE	pull down
hrpA	aceE	pull down
hycl	aceE	pull down
ilvB	aceE	pull down
ilvB	aceE	pull down
cadA	aceE	pull down
lolA	aceE	pull down
mnmE	aceE	pull down
mnmE	aceE	pull down
msbB	aceE	pull down

napA	aceE	pull down
nikD	aceE	pull down
nudB	aceE	pull down
nudK	aceE	pull down
nusA	aceE	pull down
ogt	aceE	pull down
pdhR	aceE	pull down
ybeZ	aceE	pull down
proA	aceE	pull down
puuB	aceE	pull down
recE	aceE	pull down
recJ	aceE	pull down
recQ	aceE	pull down
relA	aceE	pull down
rhlB	aceE	pull down
ribF	aceE	pull down
rlmN	aceE	pull down
rluB	aceE	pull down
rluC	aceE	pull down
rnhA	aceE	pull down
rpoA	aceE	pull down
rsgA	aceE	pull down
rsmG	aceE	pull down
rsmG	aceE	pull down
ruvB	aceE	pull down
selB	aceE	pull down
stfR	aceE	pull down
sbp	aceE	pull down
proS	aceE	pull down
argS	aceE	pull down
tgt	aceE	pull down
tig	aceE	pull down
trmA	aceE	pull down
trmB	aceE	pull down
trpE	aceE	pull down
tusA	aceE	pull down
ubiC	aceE	pull down
uvrC	aceE	pull down
uvrD	aceE	pull down
ybhF	aceE	pull down
ybhF	aceE	pull down
ybhK	aceE	pull down
ycgF	aceE	pull down
ycgF	aceE	pull down
yciU	aceE	pull down

yciU	aceE	pull down
ycjY	aceE	pull down
ydaM	aceE	pull down
ydbA	aceE	pull down
ydhW	aceE	pull down
ydiA	aceE	pull down
yfjK	aceE	pull down
ygcB	aceE	pull down
ygiF	aceE	pull down
yhbU	aceE	pull down
yhiR	aceE	pull down
poxA	aceE	pull down
ynfB	aceE	pull down
yoaA	aceE	pull down
yraN	aceE	pull down
znuC	aceE	pull down

acpP	aceF	pull down
aidB	aceF	pull down
aidB	aceF	pull down
cedA	aceF	pull down
cedA	aceF	pull down
cheY	aceF	pull down
cheY	aceF	pull down
cspB	aceF	pull down
dcm	aceF	pull down
lpdA	aceF	blue native page
fadJ	aceF	pull down
fdhD	aceF	pull down
fimB	aceF	pull down
gyrA	aceF	pull down
hrpA	aceF	pull down
hrpB	aceF	pull down
iclR	aceF	pull down
intA	aceF	pull down
intA	aceF	pull down
intS	aceF	pull down
intS	aceF	pull down
napD	aceF	pull down
narJ	aceF	pull down
nfi	aceF	pull down
nfi	aceF	pull down
ogt	aceF	pull down
paaJ	aceF	pull down
paaX	aceF	pull down

parC	aceF	pull down
pdhR	aceF	pull down
ybeZ	aceF	pull down
ybeZ	aceF	pull down
malP	aceF	pull down
malP	aceF	pull down
pinR	aceF	pull down
pinR	aceF	pull down
ppk	aceF	pull down
qmcA	aceF	pull down
recG	aceF	pull down
recJ	aceF	pull down
recQ	aceF	pull down
recQ	aceF	pull down
rlmE	aceF	pull down
rlmN	aceF	pull down
rluC	aceF	pull down
rnhA	aceF	pull down
rnhA	aceF	pull down
rnpA	aceF	pull down
rnt	aceF	pull down
rpoA	aceF	pull down
rsmG	aceF	pull down
rsml	aceF	pull down
selB	aceF	pull down
tadA	aceF	pull down
tgt	aceF	pull down
tyrR	aceF	pull down
ubiC	aceF	pull down
ulaR	aceF	pull down
uvrB	aceF	pull down
uvrB	aceF	pull down
uvrD	aceF	pull down
ybcJ	aceF	pull down
ybcJ	aceF	pull down
ybhF	aceF	pull down
ybjX	aceF	pull down
yceA	aceF	pull down
ycgF	aceF	pull down
yciU	aceF	pull down
ydaM	aceF	pull down
ygiF	aceF	pull down
yhbU	aceF	pull down
yibL	aceF	pull down
poxA	aceF	pull down

yjeF	aceF	pull down
yjeF	aceF	pull down
yjgD	aceF	pull down
yraN	aceF	pull down
znuC	aceF	pull down
arrD	ompA	pull down
mreB	ompA	pull down
narJ	ompA	pull down
ompA	ompA	blue native page
pepB	ompA	pull down
trxA	ompA	tandem affinity purification
tig	ompA	pull down
tig	ompA	pull down
ttdA	ompA	pull down
ygiF	ompA	pull down
ygiF	ompA	pull down
ibpA	ompC	pull down
mreB	ompC	pull down
rlmN	ompC	pull down
trxA	ompC	tandem affinity purification
ygiF	ompC	pull down
kefG	ompR	pull down
rbsK	ompR	pull down
trxA	ompR	tandem affinity purification
yqjI	ompR	pull down
obgE	prlC	pull down
hisI	mdoG	pull down
tig	mdoG	pull down
yfiF	osmF	pull down

acpS	oxyR	pull down
napA	panC	pull down
panD	panC	pull down
ycfD	panC	pull down
yfcD	panC	pull down
yfcD	panC	pull down
mukB	parC	pull down
parE	parC	pull down
ssb	parC	pull down
smpB	parC	pull down
ftsN	mrcB	pull down
ftsN	mrcB	adenylate cyclase complementation
ftsN	mrcB	cross-linking study
poxB	mrcB	pull down
rhaB	mrcB	pull down
gnd	pckA	comigration in non denaturing gel electrophoresis
artI	pdhR	pull down
fixX	pdxA	pull down
fkpB	pdxA	pull down
atpA	pepB	pull down
dnaK	pepB	pull down
fimD	pepB	pull down
holA	pepB	pull down
hscA	pepB	pull down
htpG	pepB	pull down
kdsB	pepB	pull down
murA	pepB	pull down
pepE	pepB	pull down
rdgB	pepB	pull down
rpoD	pepB	pull down
ydiA	pepB	pull down

yiiG	pepB	pull down
gnd	pepD	blue native page
accD	pepD	pull down
arsC	pepD	pull down
chpR	pepD	pull down
hupB	pepD	pull down
deoC	pepD	pull down
dksA	pepD	pull down
dut	pepD	pull down
entB	pepD	pull down
eutK	pepD	pull down
fdx	pepD	pull down
yggX	pepD	pull down
flgM	pepD	pull down
flgN	pepD	pull down
flxA	pepD	pull down
fucR	pepD	pull down
zwf	pepD	blue native page
gpmA	pepD	pull down
grpE	pepD	pull down
hoIE	pepD	pull down
hscB	pepD	pull down
hyaE	pepD	pull down
idi	pepD	pull down
menB	pepD	pull down
msyB	pepD	pull down
mug	pepD	pull down
murR	pepD	pull down
panE	pepD	pull down
pmrD	pepD	pull down
pncB	pepD	pull down
prpB	pepD	pull down
racR	pepD	pull down
relB	pepD	pull down
ribB	pepD	pull down
rimN	pepD	pull down
nrdF	pepD	pull down
ssb	pepD	pull down
ssuD	pepD	pull down
upp	pepD	pull down
ybil	pepD	pull down
yceD	pepD	pull down
ycgL	pepD	pull down
yciG	pepD	pull down

yciH	pepD	pull down
ydfZ	pepD	pull down
ydiZ	pepD	pull down
yeaK	pepD	pull down
yebG	pepD	pull down
yecJ	pepD	pull down
yeiR	pepD	pull down
yfaS	pepD	pull down
yfcF	pepD	pull down
yfcU	pepD	pull down
yfdK	pepD	pull down
yfjF	pepD	pull down
ygfY	pepD	pull down
yggS	pepD	pull down
yhdE	pepD	pull down
yidB	pepD	pull down
yjeJ	pepD	pull down
ymgA	pepD	pull down
yqgE	pepD	pull down
yrhB	pepD	pull down

hybC	pepQ	pull down
rluD	pepQ	pull down

argD	pepT	blue native page
tpiA	pepT	pull down
tpiA	pepT	pull down
yggL	pepT	pull down

amyA	pflA	pull down
frlD	pflA	pull down
hypB	pflA	pull down
kbaY	pflA	pull down
kil	pflA	pull down
mobA	pflA	pull down
pabC	pflA	pull down
panB	pflA	pull down
ybgD	pflA	pull down
ybiA	pflA	pull down
ycbG	pflA	pull down
yeeV	pflA	pull down
yegL	pflA	pull down
yihU	pflA	pull down
ymgA	pflA	pull down

mgtA	pflB	pull down
ybdK	pflB	pull down
cca	pflB	pull down
cyoA	pflB	pull down
dxr	pflB	pull down
ftsZ	pflB	pull down
gcvT	pflB	pull down
grcA	pflB	pull down
grcA	pflB	pull down
grcA	pflB	pull down
helD	pflB	pull down
hscC	pflB	pull down
ibpA	pflB	pull down
ibpA	pflB	pull down
tdk	pflB	pull down
pykF	pflB	pull down
pykA	pflB	pull down
leuD	pflB	pull down
pepT	pflB	pull down
pepT	pflB	pull down
pepT	pflB	pull down
ppiB	pflB	pull down
racC	pflB	pull down
rplD	pflB	pull down
srlR	pflB	pull down
sspA	pflB	pull down
sufD	pflB	pull down
lysU	pflB	pull down
lysU	pflB	pull down
tig	pflB	pull down
tpiA	pflB	pull down
tpiA	pflB	pull down
yajD	pflB	pull down
ybdM	pflB	pull down
ybil	pflB	pull down
ycfD	pflB	pull down
ydfZ	pflB	pull down
yfcZ	pflB	pull down
yiiS	pflB	pull down
yjeE	pflB	pull down
yjeJ	pflB	pull down
ahpC	pgk	comigration in non denaturing gel electrophoresis
helD	pgk	pull down
pnp	pgk	pull down

manX	pgk	pull down
lysU	pgk	pull down
usg	pgk	blue native page

accD	pgm	pull down
dcp	pgm	pull down
zwf	pgm	blue native page
ghrB	pgm	pull down
rnr	pgm	pull down
yagR	pgm	pull down

rnz	ycjU	pull down
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intD	phnA	pull down
lpxD	phnA	pull down

trmB	ybeZ	pull down
ybeY	ybeZ	pull down

wrbA	phoP	pull down
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hupA	malP	pull down
hupB	malP	pull down
hupB	malP	pull down
polA	malP	pull down
polA	malP	pull down
nfo	malP	pull down
xthA	malP	pull down
hns	malP	pull down
nfi	malP	pull down
rnhA	malP	pull down
rpoC	malP	pull down
ssb	malP	pull down
smpB	malP	pull down
hsdS	malP	pull down
topA	malP	pull down
uvrD	malP	pull down

accB	pmbA	pull down
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cspC	pnp	pull down
cspD	pnp	pull down
cspE	pnp	pull down
eno	pnp	pull down
eno	pnp	pull down
hfq	pnp	pull down
ibpA	pnp	pull down
ibpA	pnp	pull down
mreB	pnp	pull down
murE	pnp	pull down
pgk	pnp	pull down
malP	pnp	pull down
pssA	pnp	pull down
rhIB	pnp	pull down
rhIB	pnp	pull down
rlmN	pnp	pull down
rluB	pnp	pull down
rne	pnp	pull down
rne	pnp	affinity chromatography technology
rne	pnp	affinity chromatography technology
rne	pnp	affinity chromatography technology
rne	pnp	affinity chromatography technology
rne	pnp	pull down
rne	pnp	affinity chromatography technology
yacl	pnp	pull down
ybcJ	pnp	pull down
ybcJ	pnp	pull down
uvrC	pntA	pull down
hcaB	ppiB	pull down
ylbA	ppiB	pull down
artP	ppk	pull down
asmA	ppk	pull down
clpA	ppk	pull down
hyaD	ppk	pull down
hyaE	ppk	pull down
pykA	ppk	pull down
pdxB	ppk	pull down
priB	ppk	pull down
rnpA	ppk	pull down

ileS	ppk	pull down
trpS	ppk	pull down
yafC	ppk	pull down
ydhW	ppk	pull down
yfbV	ppk	pull down
yfdZ	ppk	pull down
yfjK	ppk	pull down
lpxB	ppsA	pull down
paaY	ppsA	pull down
tig	ppsA	pull down
uspG	ppsA	pull down
wcaC	ppsA	pull down
speA	priC	pull down
yjjV	priC	pull down
cspC	prpD	pull down
sdaA	prpD	pull down
ydiV	pspF	pull down
lpxD	pssA	pull down
nusG	pssA	pull down
ybeZ	pssA	pull down
rluB	pssA	pull down
rluC	pssA	pull down
rluC	pssA	pull down
rnpA	pssA	pull down
rnpA	pssA	pull down
rnr	pssA	pull down
rpoA	pssA	pull down
topA	pssA	pull down
trmB	pssA	pull down
ybcJ	pssA	pull down
ybjX	pssA	pull down
yeeN	pssA	pull down
yfiF	pssA	pull down
cheB	ptsI	pull down
greA	ptsI	pull down
helD	ptsI	pull down
nagK	ptsI	pull down

ptsH	ptsI	nuclear magnetic resonance
ydeH	ptsI	pull down

dnaE	pta	pull down
fixB	pta	pull down
napD	pta	pull down
napD	pta	pull down
nudK	pta	pull down
ppiB	pta	pull down
rpoA	pta	pull down
selB	pta	pull down
ybil	pta	pull down
yjgH	pta	pull down
yphB	pta	pull down

frsA	crr	pull down
trxA	crr	tandem affinity purification
trxA	crr	tandem affinity purification

crr	ptsH	nuclear magnetic resonance
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ibpA	gatA	pull down
pyrH	gatA	pull down
tig	gatA	pull down

ibpA	gatB	pull down
mreB	gatB	pull down
pyrH	gatB	pull down

cytR	manX	pull down
rpoN	manX	pull down
rpoS	manX	pull down
tpiA	manX	pull down
ydjG	manX	pull down

nudI	chbB	pull down
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surA	chbC	pull down
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gpmA	purC	pull down
hybE	purC	pull down
prkB	purC	pull down
solA	purC	pull down
panC	purC	pull down
ribB	purC	pull down
yjbR	purC	pull down
yjeE	purA	pull down
allB	purR	pull down
dcm	purR	pull down
engD	purR	pull down
argF	purR	pull down
ptsI	purR	pull down
rutR	purR	pull down
yebC	purR	pull down
clpB	putA	pull down
cspC	putA	pull down
fecA	putA	pull down
ppiB	putA	pull down
pta	putA	pull down
rfaC	putA	pull down
trxA	putA	tandem affinity purification
tig	putA	pull down
treA	putA	pull down
uspG	putA	pull down
wecG	putA	pull down
ycaC	putA	pull down
yjfF	putA	pull down
yhaK	putA	pull down
ribA	pyrF	pull down
ribA	pyrF	pull down
trpH	pyrF	pull down
yobB	pyrF	pull down
asmA	pyrG	pull down
ygeV	pyrG	pull down

cyaA	rapA	pull down
murA	rapA	pull down
nusG	rapA	pull down
nusG	rapA	pull down
proA	rapA	pull down
rpoA	rapA	pull down
rpoA	rapA	pull down
rpoA	rapA	pull down
rpoB	rapA	pull down
rpoC	rapA	pull down
rpoC	rapA	pull down
rpoZ	rapA	pull down
yacl	rapA	pull down
yacl	rapA	pull down
yccJ	rapA	pull down
mtlR	rbfA	pull down
alsB	rbsB	blue native page
ileS	rbsB	pull down
trxA	rbsB	tandem affinity purification
cbpA	rbsK	pull down
prs	rbsK	blue native page
cspC	rcsB	pull down
dctR	rcsB	pull down
rlmN	rcsB	pull down
trxA	rcsB	tandem affinity purification
trxA	rcsB	tandem affinity purification
yfgM	rcsB	blue native page
hupB	rdgC	pull down
ligA	rdgC	pull down
eno	rdgC	pull down
nfi	rdgC	pull down
qorA	rdgC	pull down
atpD	recA	pull down

cheW	recA	pull down
clpP	recA	pull down
dmlR	recA	pull down
dnaJ	recA	pull down
dxs	recA	pull down
eutJ	recA	pull down
ftsZ	recA	pull down
glmM	recA	pull down
gyrA	recA	pull down
hslU	recA	pull down
metK	recA	pull down
mreB	recA	pull down
narG	recA	pull down
pnp	recA	pull down
pyrH	recA	pull down
rlmN	recA	pull down
rph	recA	pull down
trxA	recA	tandem affinity purification
trxA	recA	tandem affinity purification
ydjF	recA	pull down
yeaM	recA	pull down
purB	relA	pull down
ybbL	relA	pull down

ydiH	rfaF	pull down
flgB	rfaG	pull down
glcC	rfaG	pull down
recE	rfaG	pull down
ydjJ	rfaG	pull down
aroD	rfaP	pull down
fmt	rfaP	pull down

cheZ	rhIB	pull down
pnp	rhIB	pull down
pnp	rhIB	pull down
rne	rhIB	pull down
rne	rhIB	anti tag coimmunoprecipitation
rne	rhIB	affinity chromatography technology
rne	rhIB	affinity chromatography technology
rne	rhIB	pull down
rne	rhIB	anti tag coimmunoprecipitation
rne	rhIB	affinity chromatography technology
rne	rhIB	affinity chromatography technology
ybcJ	rhIB	pull down

clpP	rhIE	pull down
cspC	rhIE	pull down
hupB	rhIE	pull down
fdx	rhIE	pull down
frmA	rhIE	pull down
infB	rhIE	pull down
ppa	rhIE	pull down
phoR	rhIE	pull down
rhaS	rhIE	pull down
rluC	rhIE	pull down
sodA	rhIE	pull down
ssb	rhIE	pull down

acs	rho	pull down
atpD	rho	pull down
cbpA	rho	pull down
clpA	rho	pull down
clpA	rho	pull down
clpP	rho	pull down
clpP	rho	pull down
clpX	rho	pull down
cspC	rho	pull down
cspC	rho	pull down
cspD	rho	pull down
cspE	rho	pull down
dnaJ	rho	pull down
dxs	rho	pull down
fabI	rho	pull down
flxA	rho	pull down
fre	rho	pull down

ftsA	rho	pull down
gpsA	rho	pull down
greA	rho	pull down
grpE	rho	pull down
gyrA	rho	pull down
hda	rho	pull down
hfq	rho	pull down
hfq	rho	pull down
hslR	rho	pull down
ispG	rho	pull down
lpxD	rho	pull down
malT	rho	pull down
mreB	rho	pull down
nohB	rho	pull down
nusG	rho	pull down
nusG	rho	pull down
nusG	rho	pull down
otsB	rho	pull down
pdxB	rho	pull down
plsB	rho	pull down
dnaG	rho	pull down
prsA	rho	pull down
pyrH	rho	pull down
rdoA	rho	pull down
rplD	rho	pull down
rnpA	rho	pull down
rof	rho	pull down
rpoA	rho	pull down
rpoB	rho	pull down
rpoD	rho	pull down
rpoD	rho	pull down
ruvB	rho	pull down
secA	rho	pull down
selB	rho	pull down
sspB	rho	pull down
tig	rho	pull down
tusA	rho	pull down
ubiH	rho	pull down
xylG	rho	pull down
ycgL	rho	pull down
yciH	rho	pull down
ydcP	rho	pull down
yfaS	rho	pull down
yojI	rho	pull down

murF	rihC	pull down
ade	rimJ	pull down
allA	rimJ	pull down
betA	rimJ	pull down
betB	rimJ	pull down
folX	rimJ	pull down
nuoI	rimJ	pull down
recX	rimJ	pull down
rihB	rimJ	pull down
rplR	rimJ	pull down
topA	rimJ	pull down
yagH	rimJ	pull down
yciN	rimJ	pull down
yecF	rimJ	pull down
yffB	rimJ	pull down
yfhA	rimJ	pull down
yobB	rimJ	pull down

aidB	rplA	pull down
allR	rplA	pull down
atpA	rplA	comigration in non denaturing gel electrophoresis
cbpA	rplA	pull down
clpP	rplA	pull down
coaBC	rplA	pull down
cspA	rplA	pull down
cspA	rplA	pull down
cspB	rplA	pull down
cspC	rplA	pull down
cspC	rplA	pull down
cspC	rplA	pull down
cspD	rplA	pull down
cspE	rplA	pull down
cspE	rplA	pull down
cspE	rplA	pull down
cspG	rplA	pull down
cspG	rplA	pull down

cspl	rplA	pull down
hupB	rplA	pull down
dcm	rplA	pull down
dctR	rplA	pull down
dcyD	rplA	pull down
deaD	rplA	pull down
deaD	rplA	pull down
dam	rplA	pull down
dnaB	rplA	pull down
dnaB	rplA	pull down
dnaJ	rplA	pull down
dppF	rplA	pull down
fabA	rplA	pull down
fabZ	rplA	pull down
fmt	rplA	pull down
glmU	rplA	pull down
glnB	rplA	pull down
hemH	rplA	pull down
hfq	rplA	pull down
holB	rplA	pull down
holB	rplA	pull down
holE	rplA	pull down
hscB	rplA	pull down
hslR	rplA	pull down
iclR	rplA	pull down
ihfA	rplA	pull down
ihfB	rplA	pull down
kdsA	rplA	pull down
waaA	rplA	pull down
lpxD	rplA	pull down
maa	rplA	pull down
moaC	rplA	pull down
nusA	rplA	pull down
parC	rplA	pull down
ybeZ	rplA	pull down
ybeZ	rplA	pull down
malP	rplA	pull down
pnp	rplA	pull down
priB	rplA	pull down
priC	rplA	pull down
dnaG	rplA	pull down
pssA	rplA	pull down
pyrH	rplA	pull down
recG	rplA	pull down
rfaF	rplA	pull down

rhIB	rplA	pull down
rhIE	rplA	pull down
rlmE	rplA	pull down
rlmL	rplA	pull down
rlmL	rplA	pull down
rlmN	rplA	pull down
rlmN	rplA	pull down
rlmN	rplA	pull down
rluB	rplA	pull down
rluB	rplA	pull down
rluC	rplA	pull down
rluC	rplA	pull down
rluC	rplA	pull down
rluF	rplA	pull down
rne	rplA	pull down
rne	rplA	affinity chromatography technology
rne	rplA	affinity chromatography technology
rne	rplA	affinity chromatography technology
rne	rplA	affinity chromatography technology
rne	rplA	affinity chromatography technology
rnpA	rplA	pull down
rnpA	rplA	pull down
rnr	rplA	pull down
rnr	rplA	pull down
rpoA	rplA	pull down
rpoD	rplA	pull down
rpoD	rplA	pull down
rpoS	rplA	pull down
rppH	rplA	pull down
rppH	rplA	pull down
rumB	rplA	pull down
rutR	rplA	pull down
selB	rplA	pull down
srlR	rplA	pull down
srmB	rplA	pull down
smpB	rplA	pull down
sufC	rplA	pull down
thrS	rplA	pull down
thrS	rplA	pull down
tgt	rplA	pull down
thil	rplA	pull down
tig	rplA	pull down
tilS	rplA	pull down
trmL	rplA	pull down
ulaR	rplA	pull down

uvrC	rplA	pull down
uvrC	rplA	pull down
wcaK	rplA	pull down
yaеJ	rplA	pull down
yahA	rplA	pull down
ybaK	rplA	pull down
ybaZ	rplA	pull down
ybcJ	rplA	pull down
ybcJ	rplA	pull down
ybiA	rplA	pull down
ybjX	rplA	pull down
ybjX	rplA	pull down
ycbG	rplA	pull down
ychJ	rplA	pull down
yciH	rplA	pull down
ydcP	rplA	pull down
ydcP	rplA	pull down
ydhQ	rplA	pull down
ydiE	rplA	pull down
yeaM	rplA	pull down
yeaO	rplA	pull down
yfiF	rplA	pull down
yfiF	rplA	pull down
ygaV	rplA	pull down
yhbQ	rplA	pull down
yibL	rplA	pull down
ymgA	rplA	pull down
yneG	rplA	pull down

aroL	rplJ	pull down
can	rplJ	pull down
clpA	rplJ	pull down
clpP	rplJ	pull down
dinG	rplJ	pull down
dnaJ	rplJ	pull down
dnaK	rplJ	pull down
fabI	rplJ	pull down
fabZ	rplJ	pull down
fixB	rplJ	pull down
greA	rplJ	pull down
grpE	rplJ	pull down
gyrB	rplJ	pull down
holB	rplJ	pull down
hscA	rplJ	pull down
hscA	rplJ	pull down

hscB	rplJ	pull down
hscC	rplJ	pull down
hscC	rplJ	pull down
hslU	rplJ	pull down
hslV	rplJ	pull down
ppa	rplJ	pull down
lpxA	rplJ	pull down
lpxB	rplJ	pull down
narQ	rplJ	pull down
nfuA	rplJ	pull down
ybeZ	rplJ	pull down
ravA	rplJ	pull down
recA	rplJ	pull down
rhaS	rplJ	pull down
rlmE	rplJ	pull down
rlmE	rplJ	pull down
rpiB	rplJ	pull down
rppH	rplJ	pull down
sspB	rplJ	pull down
tauD	rplJ	pull down
tig	rplJ	pull down
tilS	rplJ	pull down
trmB	rplJ	pull down
truB	rplJ	pull down
ybaZ	rplJ	pull down
ybcM	rplJ	pull down
ybjX	rplJ	pull down
yeeZ	rplJ	pull down
yfhA	rplJ	pull down
yihI	rplJ	pull down
yniC	rplJ	pull down

clpP	rplK	pull down
deaD	rplK	pull down
ftsA	rplK	pull down
ftsE	rplK	pull down
glmM	rplK	pull down
hscB	rplK	pull down
ispA	rplK	pull down
kdsB	rplK	pull down
lpxD	rplK	pull down
murA	rplK	pull down
murG	rplK	pull down
murI	rplK	pull down
plsB	rplK	pull down

ppiC	rplK	pull down
prmA	rplK	pull down
prmA	rplK	pull down
prmA	rplK	pull down
pth	rplK	pull down
pyrH	rplK	pull down
rhlB	rplK	pull down
rimN	rplK	pull down
rne	rplK	pull down
rne	rplK	pull down
rnpA	rplK	pull down
rpoB	rplK	pull down
secA	rplK	pull down
leuS	rplK	pull down
ybcJ	rplK	pull down
ydhQ	rplK	pull down
yhbY	rplK	pull down

aidB	rplM	pull down
map	rplM	pull down
clpA	rplM	pull down
clpB	rplM	pull down
clpP	rplM	pull down
cspC	rplM	pull down
cspC	rplM	pull down
cspD	rplM	pull down
cspG	rplM	pull down
dcm	rplM	pull down
deaD	rplM	pull down
deaD	rplM	pull down
dusC	rplM	pull down
folA	rplM	pull down
fabZ	rplM	pull down
fimB	rplM	pull down
fis	rplM	pull down
fucU	rplM	pull down
glmM	rplM	pull down
greA	rplM	pull down
hfq	rplM	pull down
hoID	rplM	pull down
hslR	rplM	pull down
hslU	rplM	pull down
iclR	rplM	pull down
ihfB	rplM	pull down
ilvB	rplM	pull down

ppa	rplM	pull down
ispA	rplM	pull down
kdsA	rplM	pull down
waaA	rplM	pull down
lepA	rplM	pull down
lolA	rplM	pull down
lon	rplM	pull down
lon	rplM	pull down
lpxA	rplM	pull down
lpxB	rplM	pull down
lpxD	rplM	pull down
mnmE	rplM	pull down
mukB	rplM	pull down
mukB	rplM	pull down
murA	rplM	pull down
murG	rplM	pull down
nusB	rplM	pull down
paaX	rplM	pull down
parC	rplM	pull down
ybeZ	rplM	pull down
ybeZ	rplM	pull down
malP	rplM	pull down
plsB	rplM	pull down
pnp	rplM	pull down
pnp	rplM	pull down
ppiC	rplM	pull down
pth	rplM	pull down
pyrH	rplM	pull down
rcsA	rplM	pull down
rcsB	rplM	pull down
rcsB	rplM	pull down
rhIB	rplM	pull down
ribH	rplM	pull down
rlmB	rplM	pull down
rlmN	rplM	pull down
rlmN	rplM	pull down
rluB	rplM	pull down
rluB	rplM	pull down
rluC	rplM	pull down
rluC	rplM	pull down
rne	rplM	pull down
rnpA	rplM	pull down
rnr	rplM	pull down
rnr	rplM	pull down
rpoA	rplM	pull down

rpoA	rplM	pull down
rpoC	rplM	pull down
rppH	rplM	pull down
rppH	rplM	pull down
rsgA	rplM	pull down
rsmG	rplM	pull down
selB	rplM	pull down
skp	rplM	pull down
spoT	rplM	pull down
srlR	rplM	pull down
smpB	rplM	pull down
glyQ	rplM	pull down
thrS	rplM	pull down
trpS	rplM	pull down
tgt	rplM	pull down
tig	rplM	pull down
trmB	rplM	pull down
ulaR	rplM	pull down
uvrC	rplM	pull down
uvrD	rplM	pull down
yacl	rplM	pull down
yacl	rplM	pull down
ybcJ	rplM	pull down
ybhK	rplM	pull down
ybjX	rplM	pull down
ybjX	rplM	pull down
yfiQ	rplM	pull down
yhbY	rplM	pull down
yibL	rplM	pull down
yraN	rplM	pull down

aroM	rplN	pull down
cheW	rplN	pull down
der	rplN	pull down
dnaA	rplN	pull down
dtd	rplN	pull down
dusC	rplN	pull down
entB	rplN	pull down
fdhE	rplN	pull down
fkpB	rplN	pull down
fliS	rplN	pull down
ftsZ	rplN	pull down
glgX	rplN	pull down
grpE	rplN	pull down
hfq	rplN	pull down

hns	rplN	pull down
mhpE	rplN	pull down
hscA	rplN	pull down
hslR	rplN	pull down
ihfA	rplN	pull down
ppa	rplN	pull down
kdsA	rplN	pull down
lpxA	rplN	pull down
nfuA	rplN	pull down
nudB	rplN	pull down
ppiB	rplN	pull down
rluC	rplN	pull down
rnpA	rplN	pull down
rnr	rplN	pull down
rppH	rplN	pull down
slyD	rplN	pull down
speE	rplN	pull down
tig	rplN	pull down
tig	rplN	pull down
ulaR	rplN	pull down
uvrC	rplN	pull down
wzb	rplN	pull down
yacl	rplN	pull down
yacl	rplN	pull down
ybeB	rplN	pull down
ydhQ	rplN	pull down
ydiZ	rplN	pull down
ydjF	rplN	pull down
yedM	rplN	pull down
yfcU	rplN	pull down
yjeE	rplN	pull down
yobB	rplN	pull down

acpP	rplO	pull down
adiA	rplO	pull down
atoC	rplO	pull down
cbrC	rplO	pull down
cspA	rplO	pull down
cspE	rplO	pull down
damX	rplO	pull down
hupA	rplO	pull down
dinG	rplO	pull down
dnaA	rplO	pull down
dnaB	rplO	pull down
dsdC	rplO	pull down

eutP	rplO	pull down
fkpB	rplO	pull down
glmU	rplO	pull down
grpE	rplO	pull down
hfq	rplO	pull down
hldD	rplO	pull down
ihfB	rplO	pull down
lpxA	rplO	pull down
lpxD	rplO	pull down
lpxD	rplO	pull down
nusA	rplO	pull down
nusA	rplO	pull down
obgE	rplO	pull down
paaX	rplO	pull down
pepT	rplO	pull down
ybeZ	rplO	pull down
plsB	rplO	pull down
pnp	rplO	pull down
psd	rplO	pull down
recO	rplO	pull down
rhmD	rplO	pull down
rlmN	rplO	pull down
rlmN	rplO	pull down
rluC	rplO	pull down
rluC	rplO	pull down
rne	rplO	affinity chromatography technology
rne	rplO	affinity chromatography technology
rnpA	rplO	pull down
rnr	rplO	pull down
rnr	rplO	pull down
rpoA	rplO	pull down
rpoA	rplO	pull down
rpoC	rplO	pull down
rpoD	rplO	pull down
rppH	rplO	pull down
rppH	rplO	pull down
selB	rplO	pull down
skp	rplO	pull down
slyD	rplO	pull down
spoT	rplO	pull down
srlR	rplO	pull down
tig	rplO	pull down
tilS	rplO	pull down
truB	rplO	pull down
uspF	rplO	pull down

yacl	rplO	pull down
yacl	rplO	pull down
ybjX	rplO	pull down
ydhZ	rplO	pull down
yecA	rplO	pull down
yegL	rplO	pull down
yfcH	rplO	pull down
yfeD	rplO	pull down
yfiQ	rplO	pull down
ygiC	rplO	pull down
yhbY	rplO	pull down
yhcO	rplO	pull down
yihI	rplO	pull down
yjaG	rplO	pull down
yqgE	rplO	pull down

deaD	rplP	pull down
dnaA	rplP	pull down
ftsE	rplP	pull down
glnA	rplP	pull down
holA	rplP	pull down
hslU	rplP	pull down
ihfB	rplP	pull down
gmk	rplP	pull down
lpxD	rplP	pull down
mtfA	rplP	pull down
nusA	rplP	pull down
ybeZ	rplP	pull down
rcaA	rplP	pull down
rluC	rplP	pull down
rnpA	rplP	pull down
rnr	rplP	pull down
rpoA	rplP	pull down
rpoC	rplP	pull down
rppH	rplP	pull down
glyQ	rplP	pull down
tig	rplP	pull down
yacl	rplP	pull down
ybeY	rplP	pull down
yfcD	rplP	pull down
yfcZ	rplP	pull down
yfiF	rplP	pull down
yfiQ	rplP	pull down
ygiC	rplP	pull down

alkB	rplQ	pull down
cbrC	rplQ	pull down
cca	rplQ	pull down
cho	rplQ	pull down
clpA	rplQ	pull down
cspA	rplQ	pull down
cspl	rplQ	pull down
hupB	rplQ	pull down
dead	rplQ	pull down
dam	rplQ	pull down
era	rplQ	pull down
fdhE	rplQ	pull down
fimB	rplQ	pull down
fkpB	rplQ	pull down
fmt	rplQ	pull down
ftsN	rplQ	pull down
glcC	rplQ	pull down
glmU	rplQ	pull down
glnA	rplQ	pull down
greB	rplQ	pull down
grpE	rplQ	pull down
hscA	rplQ	pull down
hscC	rplQ	pull down
hslV	rplQ	pull down
hycl	rplQ	pull down
hyi	rplQ	pull down
intD	rplQ	pull down
iscX	rplQ	pull down
lpxA	rplQ	pull down
lpxH	rplQ	pull down
moaC	rplQ	pull down
msyB	rplQ	pull down
mtfA	rplQ	pull down
mug	rplQ	pull down
mukB	rplQ	pull down
murG	rplQ	pull down
mutH	rplQ	pull down
mutY	rplQ	pull down
narQ	rplQ	pull down
npdA	rplQ	pull down
obgE	rplQ	pull down
pdxK	rplQ	pull down
phrB	rplQ	pull down
pmrD	rplQ	pull down
pnp	rplQ	pull down

priA	rplQ	pull down
pssA	rplQ	pull down
recG	rplQ	pull down
rfaF	rplQ	pull down
rfaZ	rplQ	pull down
rhmD	rplQ	pull down
rimO	rplQ	pull down
rlmL	rplQ	pull down
rlmM	rplQ	pull down
rlmN	rplQ	pull down
rluC	rplQ	pull down
rluC	rplQ	pull down
rluF	rplQ	pull down
rng	rplQ	pull down
rnk	rplQ	pull down
rnpA	rplQ	pull down
rpoC	rplQ	pull down
rpoE	rplQ	pull down
rppH	rplQ	pull down
rppH	rplQ	pull down
rraA	rplQ	pull down
rsmB	rplQ	pull down
rsmE	rplQ	pull down
rutR	rplQ	pull down
selB	rplQ	pull down
speA	rplQ	pull down
spoT	rplQ	pull down
spr	rplQ	pull down
tgt	rplQ	pull down
tig	rplQ	pull down
tilS	rplQ	pull down
tpiA	rplQ	pull down
truB	rplQ	pull down
upp	rplQ	pull down
wcaK	rplQ	pull down
wzb	rplQ	pull down
xerD	rplQ	pull down
yacL	rplQ	pull down
yahK	rplQ	pull down
ybcJ	rplQ	pull down
ybcM	rplQ	pull down
ybeY	rplQ	pull down
ybjX	rplQ	pull down
ycdY	rplQ	pull down
yceD	rplQ	pull down

ycfD	rplQ	pull down
yciH	rplQ	pull down
yciU	rplQ	pull down
ydiE	rplQ	pull down
yebC	rplQ	pull down
yecF	rplQ	pull down
yeeN	rplQ	pull down
yegU	rplQ	pull down
yfeD	rplQ	pull down
yfiF	rplQ	pull down
yfiQ	rplQ	pull down
ygaM	rplQ	pull down
ygaV	rplQ	pull down
ygckK	rplQ	pull down
ygdL	rplQ	pull down
ygiC	rplQ	pull down
yhbS	rplQ	pull down
yhbY	rplQ	pull down
yhiN	rplQ	pull down
yihI	rplQ	pull down
yjaG	rplQ	pull down
yjhl	rplQ	pull down
ymgA	rplQ	pull down

accA	rplR	pull down
allR	rplR	pull down
clpA	rplR	pull down
cspA	rplR	pull down
cspC	rplR	pull down
deaD	rplR	pull down
dusC	rplR	pull down
ftsE	rplR	pull down
hscC	rplR	pull down
lpxD	rplR	pull down
mukB	rplR	pull down
pyrH	rplR	pull down
rlmB	rplR	pull down
rlmN	rplR	pull down
rluC	rplR	pull down
rnpA	rplR	pull down
rppH	rplR	pull down
rppH	rplR	pull down
spoT	rplR	pull down
srlR	rplR	pull down
ybcJ	rplR	pull down

yfiF	rplR	pull down
ygcN	rplR	pull down
yheU	rplR	pull down
yibL	rplR	pull down

aidB	rplS	pull down
allR	rplS	pull down
map	rplS	pull down
atoC	rplS	pull down
cbpA	rplS	pull down
cbrC	rplS	pull down
clpP	rplS	pull down
cspA	rplS	pull down
cspC	rplS	pull down
cspD	rplS	pull down
cspE	rplS	pull down
cysA	rplS	pull down
hupB	rplS	pull down
deaD	rplS	pull down
deoB	rplS	pull down
dam	rplS	pull down
dnaJ	rplS	pull down
dnaK	rplS	pull down
dtd	rplS	pull down
fabA	rplS	pull down
fabZ	rplS	pull down
fadI	rplS	pull down
fimB	rplS	pull down
fis	rplS	pull down
fkpB	rplS	pull down
fliS	rplS	pull down
grpE	rplS	pull down
grpE	rplS	pull down
hfq	rplS	pull down
hldD	rplS	pull down
hoIC	rplS	pull down
hslR	rplS	pull down
hslV	rplS	pull down
ihfB	rplS	pull down
ppa	rplS	pull down
kdsA	rplS	pull down
kdsA	rplS	pull down
waaA	rplS	pull down
lpxB	rplS	pull down
lpxD	rplS	pull down

malT	rplS	pull down
moaC	rplS	pull down
murG	rplS	pull down
nfi	rplS	pull down
nlpA	rplS	pull down
nusA	rplS	pull down
nusA	rplS	pull down
pdxH	rplS	pull down
ybeZ	rplS	pull down
ybeZ	rplS	pull down
malP	rplS	pull down
plsB	rplS	pull down
pncB	rplS	pull down
ppiC	rplS	pull down
ptrA	rplS	pull down
pyrH	rplS	pull down
rcaA	rplS	pull down
rcaB	rplS	pull down
relA	rplS	pull down
rhlB	rplS	pull down
ribD	rplS	pull down
rlmB	rplS	pull down
rlmN	rplS	pull down
rlmN	rplS	pull down
rluB	rplS	pull down
rluC	rplS	pull down
rluC	rplS	pull down
rnpA	rplS	pull down
rpoA	rplS	pull down
rpoC	rplS	pull down
rpoD	rplS	pull down
rppH	rplS	pull down
rppH	rplS	pull down
selB	rplS	pull down
skp	rplS	pull down
spoT	rplS	pull down
glyQ	rplS	pull down
thrS	rplS	pull down
tgt	rplS	pull down
trmB	rplS	pull down
ubiG	rplS	pull down
ulaR	rplS	pull down
uspC	rplS	pull down
uspF	rplS	pull down
uvrC	rplS	pull down

wzb	rplS	pull down
ybcJ	rplS	pull down
ybeB	rplS	pull down
ybjX	rplS	pull down
ydcP	rplS	pull down
ydhW	rplS	pull down
yehX	rplS	pull down
yfcH	rplS	pull down
yhbS	rplS	pull down
yibL	rplS	pull down
yjjU	rplS	pull down

acpS	rplB	pull down
ada	rplB	pull down
ade	rplB	pull down
adhE	rplB	pull down
adiA	rplB	pull down
alkB	rplB	pull down
eda	rplB	pull down
allR	rplB	pull down
appY	rplB	pull down
argK	rplB	pull down
arnA	rplB	pull down
astA	rplB	pull down
bgIX	rplB	pull down
btuE	rplB	pull down
cbpA	rplB	pull down
cbpA	rplB	pull down
cca	rplB	pull down
ccmE	rplB	pull down
clpA	rplB	pull down
clpB	rplB	pull down
cspA	rplB	pull down
cspB	rplB	pull down
cspC	rplB	pull down
cspC	rplB	pull down
cspC	rplB	pull down
cspD	rplB	pull down
cspE	rplB	pull down
cspE	rplB	pull down
cspG	rplB	pull down
cspl	rplB	pull down
cutA	rplB	pull down
hupA	rplB	pull down
hupB	rplB	pull down

dcm	rplB	pull down
dcp	rplB	pull down
dctR	rplB	pull down
deaD	rplB	pull down
deaD	rplB	pull down
der	rplB	pull down
ndh	rplB	pull down
diaA	rplB	pull down
dnaA	rplB	pull down
dnaA	rplB	pull down
dppF	rplB	pull down
elaA	rplB	pull down
elaB	rplB	pull down
era	rplB	pull down
eutP	rplB	pull down
fabA	rplB	pull down
fabB	rplB	pull down
fabZ	rplB	pull down
fadB	rplB	pull down
fadI	rplB	pull down
fdnH	rplB	pull down
fimB	rplB	pull down
fis	rplB	pull down
fkpB	rplB	pull down
fldA	rplB	pull down
fldB	rplB	pull down
flgB	rplB	pull down
fliG	rplB	pull down
fliI	rplB	pull down
fliM	rplB	pull down
flk	rplB	pull down
flxA	rplB	pull down
ftsE	rplB	pull down
fumC	rplB	pull down
gatD	rplB	pull down
glcC	rplB	pull down
glmU	rplB	pull down
glnA	rplB	pull down
glnB	rplB	pull down
glpD	rplB	pull down
gmhB	rplB	pull down
greA	rplB	pull down
gspE	rplB	pull down
hemN	rplB	pull down
hfIC	rplB	pull down

hfq	rplB	pull down
hfq	rplB	pull down
holB	rplB	pull down
holC	rplB	pull down
holC	rplB	pull down
hscA	rplB	pull down
hslR	rplB	pull down
hslV	rplB	pull down
htpG	rplB	pull down
htrB	rplB	pull down
hyaD	rplB	pull down
hyaE	rplB	pull down
hybD	rplB	pull down
hycl	rplB	pull down
hyfR	rplB	pull down
idnD	rplB	pull down
ihfB	rplB	pull down
intA	rplB	pull down
intB	rplB	pull down
intD	rplB	pull down
intQ	rplB	pull down
iscA	rplB	pull down
iscR	rplB	pull down
iscX	rplB	pull down
ispA	rplB	pull down
ispB	rplB	pull down
tmk	rplB	pull down
lpxD	rplB	pull down
lpxD	rplB	pull down
maa	rplB	pull down
mall	rplB	pull down
malY	rplB	pull down
manA	rplB	pull down
manC	rplB	pull down
maoC	rplB	pull down
mcrA	rplB	pull down
mdtN	rplB	pull down
meIR	rplB	pull down
mfd	rplB	pull down
miaB	rplB	pull down
minC	rplB	pull down
mliC	rplB	pull down
mnmA	rplB	pull down
msyB	rplB	pull down
solA	rplB	pull down

mug	rplB	pull down
mukB	rplB	pull down
mukB	rplB	pull down
mukE	rplB	pull down
mutH	rplB	pull down
mutY	rplB	pull down
nagZ	rplB	pull down
napD	rplB	pull down
nikE	rplB	pull down
norV	rplB	pull down
npdA	rplB	pull down
nudI	rplB	pull down
nusA	rplB	pull down
nusA	rplB	pull down
nusG	rplB	pull down
obgE	rplB	pull down
paaB	rplB	pull down
paaX	rplB	pull down
parC	rplB	pull down
pbpC	rplB	pull down
ybeZ	rplB	pull down
phrB	rplB	pull down
plsB	rplB	pull down
pmrD	rplB	pull down
pncB	rplB	pull down
pnp	rplB	pull down
appA	rplB	pull down
ppsA	rplB	pull down
priA	rplB	pull down
priB	rplB	pull down
priC	rplB	pull down
pssA	rplB	pull down
psuG	rplB	pull down
ptrA	rplB	pull down
ptrB	rplB	pull down
purT	rplB	pull down
pyrH	rplB	pull down
qseC	rplB	pull down
racC	rplB	pull down
rcaA	rplB	pull down
recA	rplB	pull down
recG	rplB	pull down
relA	rplB	pull down
rfaB	rplB	pull down
rfaC	rplB	pull down

rfaF	rplB	pull down
rfaG	rplB	pull down
rfaP	rplB	pull down
rffA	rplB	pull down
rhIE	rplB	pull down
rlmL	rplB	pull down
rlmM	rplB	pull down
rlmN	rplB	pull down
rlmN	rplB	pull down
rlmN	rplB	pull down
rluB	rplB	pull down
rluC	rplB	pull down
rluC	rplB	pull down
rluC	rplB	pull down
rluD	rplB	pull down
rluE	rplB	pull down
rne	rplB	pull down
rne	rplB	affinity chromatography technology
rne	rplB	affinity chromatography technology
rne	rplB	pull down
rne	rplB	affinity chromatography technology
rng	rplB	pull down
rnhA	rplB	pull down
rnk	rplB	pull down
rnpA	rplB	pull down
rnpA	rplB	pull down
rnpA	rplB	pull down
rnr	rplB	pull down
rnr	rplB	pull down
rpoA	rplB	pull down
rpoA	rplB	pull down
rpoB	rplB	pull down
rpoB	rplB	pull down
rpoC	rplB	pull down
rpoC	rplB	pull down
rpoC	rplB	pull down
rpoD	rplB	pull down
rpoZ	rplB	pull down
rppH	rplB	pull down
rppH	rplB	pull down
rppH	rplB	pull down
rsmB	rplB	pull down
rsmC	rplB	pull down
rsmD	rplB	pull down
rumB	rplB	pull down

rutA	rplB	pull down
rutR	rplB	pull down
yqgF	rplB	pull down
selB	rplB	pull down
selB	rplB	pull down
selD	rplB	pull down
serC	rplB	pull down
sfsB	rplB	pull down
smg	rplB	pull down
sodB	rplB	pull down
soxR	rplB	pull down
speA	rplB	pull down
spoT	rplB	pull down
spoT	rplB	pull down
spr	rplB	pull down
sprT	rplB	pull down
srlR	rplB	pull down
srmB	rplB	pull down
srmB	rplB	pull down
ssuE	rplB	pull down
stfQ	rplB	pull down
stfR	rplB	pull down
stpA	rplB	pull down
sbp	rplB	pull down
metG	rplB	pull down
tehB	rplB	pull down
tgt	rplB	pull down
tgt	rplB	pull down
thil	rplB	pull down
tig	rplB	pull down
tilS	rplB	pull down
tldD	rplB	pull down
torR	rplB	pull down
treR	rplB	pull down
trmB	rplB	pull down
trmL	rplB	pull down
trpE	rplB	pull down
truB	rplB	pull down
truD	rplB	pull down
thyA	rplB	pull down
ubiX	rplB	pull down
ung	rplB	pull down
uvrC	rplB	pull down
uvrC	rplB	pull down
uvrY	rplB	pull down

wcaC	rplB	pull down
wcaK	rplB	pull down
wzb	rplB	pull down
yacl	rplB	pull down
yacl	rplB	pull down
yaej	rplB	pull down
yafP	rplB	pull down
ybaK	rplB	pull down
ybeY	rplB	pull down
ybgC	rplB	pull down
ybiA	rplB	pull down
ybjD	rplB	pull down
ybjX	rplB	pull down
ybjX	rplB	pull down
ybjX	rplB	pull down
ycaK	rplB	pull down
ycbG	rplB	pull down
yccJ	rplB	pull down
ycdB	rplB	pull down
ycdY	rplB	pull down
yceA	rplB	pull down
ycfD	rplB	pull down
ycgB	rplB	pull down
ycgL	rplB	pull down
ycgM	rplB	pull down
ycgZ	rplB	pull down
ychJ	rplB	pull down
yciH	rplB	pull down
ycjZ	rplB	pull down
ydaE	rplB	pull down
ydbA	rplB	pull down
ydcF	rplB	pull down
ydcP	rplB	pull down
yddH	rplB	pull down
ydiE	rplB	pull down
ydiZ	rplB	pull down
yeaO	rplB	pull down
yecA	rplB	pull down
yecF	rplB	pull down
yedF	rplB	pull down
yedK	rplB	pull down
yeil	rplB	pull down
yejH	rplB	pull down
yfaA	rplB	pull down
yfbM	rplB	pull down

yfcL	rplB	pull down
yfcZ	rplB	pull down
yfdP	rplB	pull down
yfdS	rplB	pull down
yfeD	rplB	pull down
yffB	rplB	pull down
yfgD	rplB	pull down
yfiF	rplB	pull down
yfiF	rplB	pull down
yfiF	rplB	pull down
yfiH	rplB	pull down
yfjF	rplB	pull down
ygaP	rplB	pull down
ygaV	rplB	pull down
ygcF	rplB	pull down
ygcK	rplB	pull down
ygeV	rplB	pull down
ygfH	rplB	pull down
yggE	rplB	pull down
yggL	rplB	pull down
yggS	rplB	pull down
ygiC	rplB	pull down
ygjM	rplB	pull down
ygiR	rplB	pull down
yhbJ	rplB	pull down
yhbP	rplB	pull down
yhbQ	rplB	pull down
yhbS	rplB	pull down
yhbY	rplB	pull down
yhbY	rplB	pull down
yhcO	rplB	pull down
yhiN	rplB	pull down
yihI	rplB	pull down
yihI	rplB	pull down
yjaA	rplB	pull down
yjaG	rplB	pull down
yjgA	rplB	pull down
yjgR	rplB	pull down
ykfJ	rplB	pull down
yliJ	rplB	pull down
ymgA	rplB	pull down
ymjA	rplB	pull down
ynbC	rplB	pull down
yneG	rplB	pull down
ynjA	rplB	pull down

yobA	rplB	pull down
yobB	rplB	pull down
ypeA	rplB	pull down
yqcA	rplB	pull down
yqgE	rplB	pull down
yqiB	rplB	pull down
yraN	rplB	pull down
znuC	rplB	pull down

add	rplT	pull down
elaB	rplT	pull down
fis	rplT	pull down
ftsA	rplT	pull down
hfq	rplT	pull down
hscA	rplT	pull down
iclR	rplT	pull down
waaA	rplT	pull down
lon	rplT	pull down
lpxA	rplT	pull down
lpxD	rplT	pull down
paaX	rplT	pull down
ybeZ	rplT	pull down
rcaA	rplT	pull down
ribH	rplT	pull down
rlmN	rplT	pull down
rluC	rplT	pull down
rnpA	rplT	pull down
rnr	rplT	pull down
rppH	rplT	pull down
selB	rplT	pull down
srlR	rplT	pull down
tgt	rplT	pull down
uvrC	rplT	pull down
vsr	rplT	pull down
ybaB	rplT	pull down
ybcJ	rplT	pull down
ybjX	rplT	pull down
ycbK	rplT	pull down
ydcP	rplT	pull down
yfiF	rplT	pull down
ygfZ	rplT	pull down
yhbY	rplT	pull down
yibL	rplT	pull down

accD	rplU	pull down
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aidB	rplU	pull down
allR	rplU	pull down
birA	rplU	pull down
clpA	rplU	pull down
clpB	rplU	pull down
clpP	rplU	pull down
cspC	rplU	pull down
cspE	rplU	pull down
hupB	rplU	pull down
dcm	rplU	pull down
deadD	rplU	pull down
era	rplU	pull down
fadI	rplU	pull down
fimB	rplU	pull down
ftsA	rplU	pull down
ftsE	rplU	pull down
ftsH	rplU	pull down
helD	rplU	pull down
hfq	rplU	pull down
holD	rplU	pull down
hslV	rplU	pull down
iclR	rplU	pull down
ihfB	rplU	pull down
gsk	rplU	pull down
kdsA	rplU	pull down
waaA	rplU	pull down
lola	rplU	pull down
lon	rplU	pull down
lpxA	rplU	pull down
lpxD	rplU	pull down
lpxD	rplU	pull down
maa	rplU	pull down
moaA	rplU	pull down
npdA	rplU	pull down
nrdR	rplU	pull down
paaX	rplU	pull down
ybeZ	rplU	pull down
malP	rplU	pull down
pnp	rplU	pull down
pssA	rplU	pull down
pyrH	rplU	pull down
rcaA	rplU	pull down
rhlB	rplU	pull down
ribD	rplU	pull down
ribH	rplU	pull down

rlmN	rplU	pull down
rluB	rplU	pull down
rluC	rplU	pull down
rluC	rplU	pull down
rne	rplU	pull down
rnpA	rplU	pull down
rnr	rplU	pull down
rpoA	rplU	pull down
rpoD	rplU	pull down
rppH	rplU	pull down
selB	rplU	pull down
skp	rplU	pull down
spoT	rplU	pull down
srlR	rplU	pull down
glyQ	rplU	pull down
tgt	rplU	pull down
ulaR	rplU	pull down
uvrC	rplU	pull down
yacl	rplU	pull down
ybcJ	rplU	pull down
ybhK	rplU	pull down
ybjX	rplU	pull down
ygcP	rplU	pull down
yhbY	rplU	pull down

accA	rplV	pull down
accD	rplV	pull down
acpP	rplV	pull down
aidB	rplV	pull down
map	rplV	pull down
birA	rplV	pull down
cbpA	rplV	pull down
cbrC	rplV	pull down
cheA	rplV	pull down
clpB	rplV	pull down
cspB	rplV	pull down
cspC	rplV	pull down
cspG	rplV	pull down
dcm	rplV	pull down
deaD	rplV	pull down
deaD	rplV	pull down
dam	rplV	pull down
dnaA	rplV	pull down
dnaJ	rplV	pull down
dtd	rplV	pull down

dusC	rplV	pull down
fabZ	rplV	pull down
fdhE	rplV	pull down
fimB	rplV	pull down
fis	rplV	pull down
fldA	rplV	pull down
ftsE	rplV	pull down
fucU	rplV	pull down
glmM	rplV	pull down
glmS	rplV	pull down
hfq	rplV	pull down
hns	rplV	pull down
holA	rplV	pull down
holC	rplV	pull down
hslR	rplV	pull down
hslV	rplV	pull down
hslV	rplV	pull down
iclR	rplV	pull down
ihfB	rplV	pull down
ppa	rplV	pull down
kdsA	rplV	pull down
kdsA	rplV	pull down
waaA	rplV	pull down
lepA	rplV	pull down
lldD	rplV	pull down
lolA	rplV	pull down
lon	rplV	pull down
lpxA	rplV	pull down
lpxD	rplV	pull down
macA	rplV	pull down
hybC	rplV	pull down
mnmE	rplV	pull down
moaC	rplV	pull down
mukB	rplV	pull down
murA	rplV	pull down
nlpA	rplV	pull down
nusA	rplV	pull down
nusA	rplV	pull down
nusG	rplV	pull down
paaX	rplV	pull down
parC	rplV	pull down
ybeZ	rplV	pull down
ybeZ	rplV	pull down
malP	rplV	pull down
plsB	rplV	pull down

pncB	rplV	pull down
pnP	rplV	pull down
ppiC	rplV	pull down
pth	rplV	pull down
manX	rplV	pull down
pyrH	rplV	pull down
rCSA	rplV	pull down
rCSB	rplV	pull down
recJ	rplV	pull down
rhIB	rplV	pull down
rhIB	rplV	pull down
rimN	rplV	pull down
ribH	rplV	pull down
rlmB	rplV	pull down
rlmE	rplV	pull down
rlmN	rplV	pull down
rlmN	rplV	pull down
rluB	rplV	pull down
rluC	rplV	pull down
rluC	rplV	pull down
rne	rplV	pull down
rne	rplV	pull down
rnpA	rplV	pull down
rnr	rplV	pull down
rpoB	rplV	pull down
rpoC	rplV	pull down
rpoD	rplV	pull down
rppH	rplV	pull down
rppH	rplV	pull down
rsgA	rplV	pull down
secA	rplV	pull down
selB	rplV	pull down
skp	rplV	pull down
spoT	rplV	pull down
spoT	rplV	pull down
srlR	rplV	pull down
srmB	rplV	pull down
srmB	rplV	pull down
glyQ	rplV	pull down
thrS	rplV	pull down
trpS	rplV	pull down
tgt	rplV	pull down
tig	rplV	pull down
trmB	rplV	pull down
trmB	rplV	pull down

ubiG	rplV	pull down
ulaR	rplV	pull down
uvrC	rplV	pull down
uvrD	rplV	pull down
yaclL	rplV	pull down
ybcJ	rplV	pull down
ybhK	rplV	pull down
ybjX	rplV	pull down
ydcP	rplV	pull down
yeeZ	rplV	pull down
yfiF	rplV	pull down
yfiQ	rplV	pull down
ygcP	rplV	pull down
yhbJ	rplV	pull down
yibL	rplV	pull down
znuC	rplV	pull down

accA	rplW	pull down
map	rplW	pull down
atpG	rplW	pull down
cspC	rplW	pull down
deaD	rplW	pull down
dnaA	rplW	pull down
dnaB	rplW	pull down
dnaJ	rplW	pull down
dps	rplW	pull down
dut	rplW	pull down
eno	rplW	pull down
fis	rplW	pull down
garD	rplW	pull down
gyrB	rplW	pull down
hoIE	rplW	pull down
ihfB	rplW	pull down
napD	rplW	pull down
nusG	rplW	pull down
ppiC	rplW	pull down
pssA	rplW	pull down
ptrA	rplW	pull down
pyrH	rplW	pull down
rcaA	rplW	pull down
rimN	rplW	pull down
rlmN	rplW	pull down
rne	rplW	pull down
rnr	rplW	pull down
rpoA	rplW	pull down

rpoZ	rplW	pull down
rsgA	rplW	pull down
ruvA	rplW	pull down
slyD	rplW	pull down
srlR	rplW	pull down
srmB	rplW	pull down
leuS	rplW	pull down
tig	rplW	pull down
uspG	rplW	pull down
uvrD	rplW	pull down
yaeB	rplW	pull down
ybeL	rplW	pull down
ybgC	rplW	pull down
ybhK	rplW	pull down
ydiE	rplW	pull down
yfjK	rplW	pull down
ygcN	rplW	pull down
yicC	rplW	pull down
yjgL	rplW	pull down

allR	rplX	pull down
cbpA	rplX	pull down
cspC	rplX	pull down
cspD	rplX	pull down
cspE	rplX	pull down
deaD	rplX	pull down
dnaA	rplX	pull down
dnaJ	rplX	pull down
dps	rplX	pull down
fimB	rplX	pull down
hfq	rplX	pull down
hns	rplX	pull down
hslV	rplX	pull down
iclR	rplX	pull down
kdsA	rplX	pull down
kdsA	rplX	pull down
lepA	rplX	pull down
lpxA	rplX	pull down
lpxD	rplX	pull down
murG	rplX	pull down
nusA	rplX	pull down
ybeZ	rplX	pull down
ybeZ	rplX	pull down
plsB	rplX	pull down
pnp	rplX	pull down

rlmN	rplX	pull down
rlmN	rplX	pull down
rluB	rplX	pull down
rluC	rplX	pull down
rluC	rplX	pull down
rne	rplX	pull down
rnpA	rplX	pull down
rnr	rplX	pull down
rpoA	rplX	pull down
rpoC	rplX	pull down
rppH	rplX	pull down
selB	rplX	pull down
skp	rplX	pull down
spoT	rplX	pull down
srmB	rplX	pull down
srmB	rplX	pull down
smpB	rplX	pull down
tgt	rplX	pull down
trmB	rplX	pull down
ybcJ	rplX	pull down
ybjX	rplX	pull down
ydcP	rplX	pull down
yjeN	rplX	pull down
kdsA	rplY	pull down
ybeZ	rplY	pull down
rluB	rplY	pull down
rppH	rplY	pull down
selB	rplY	pull down
thiG	rplY	pull down
uvrC	rplY	pull down
ypeA	rplY	pull down
clpA	rpmA	pull down
deaD	rpmA	pull down
gyrA	rpmA	two hybrid array
mtfA	rpmA	pull down
parC	rpmA	pull down
pyrH	rpmA	pull down
rlmN	rpmA	pull down
rpoA	rpmA	pull down
slyD	rpmA	pull down
ybeL	rpmA	pull down
ackA	rpmB	pull down

acpP	rpmB	pull down
adhE	rpmB	pull down
aidB	rpmB	pull down
map	rpmB	pull down
araF	rpmB	pull down
aroM	rpmB	pull down
atpC	rpmB	pull down
cheA	rpmB	pull down
chpR	rpmB	pull down
clpP	rpmB	pull down
deaD	rpmB	pull down
dnaA	rpmB	pull down
fadI	rpmB	pull down
fdhD	rpmB	pull down
fimB	rpmB	pull down
fldA	rpmB	pull down
fliL	rpmB	pull down
flxA	rpmB	pull down
gpmA	rpmB	pull down
hfq	rpmB	pull down
holB	rpmB	pull down
holC	rpmB	pull down
holD	rpmB	pull down
hslR	rpmB	pull down
ilvM	rpmB	pull down
intQ	rpmB	pull down
ppa	rpmB	pull down
kdsA	rpmB	pull down
lldD	rpmB	pull down
lpxA	rpmB	pull down
macA	rpmB	pull down
manB	rpmB	pull down
hybC	rpmB	pull down
mngB	rpmB	pull down
mngR	rpmB	pull down
moaB	rpmB	pull down
moaC	rpmB	pull down
moaC	rpmB	pull down
moaE	rpmB	pull down
modF	rpmB	pull down
msyB	rpmB	pull down
mukB	rpmB	pull down
nagC	rpmB	pull down
napA	rpmB	pull down
nfi	rpmB	pull down

nusG	rpmB	pull down
paaX	rpmB	pull down
paaX	rpmB	pull down
pdhR	rpmB	pull down
ybeZ	rpmB	pull down
plsB	rpmB	pull down
pth	rpmB	pull down
manX	rpmB	pull down
raiA	rpmB	pull down
rcsB	rpmB	pull down
recJ	rpmB	pull down
recQ	rpmB	pull down
rhIB	rpmB	pull down
rhIE	rpmB	pull down
rlmB	rpmB	pull down
rlmN	rpmB	pull down
rluB	rpmB	pull down
rluC	rpmB	pull down
rne	rpmB	affinity chromatography technology
rne	rpmB	affinity chromatography technology
rnhA	rpmB	pull down
rpoA	rpmB	pull down
rpoD	rpmB	pull down
rppH	rpmB	pull down
rutR	rpmB	pull down
selB	rpmB	pull down
spoT	rpmB	pull down
smpB	rpmB	pull down
glyQ	rpmB	pull down
tgt	rpmB	pull down
thiG	rpmB	pull down
thiL	rpmB	pull down
tig	rpmB	pull down
tig	rpmB	pull down
tolA	rpmB	pull down
tpiA	rpmB	pull down
ubiC	rpmB	pull down
ulaR	rpmB	pull down
uspC	rpmB	pull down
uvrB	rpmB	pull down
uvrC	rpmB	pull down
wzb	rpmB	pull down
yacl	rpmB	pull down
ybcM	rpmB	pull down
ybjX	rpmB	pull down

ydfW	rpmB	pull down
yfgD	rpmB	pull down
yfhM	rpmB	pull down
yfiQ	rpmB	pull down
ygcO	rpmB	pull down
yggL	rpmB	pull down
ygiF	rpmB	pull down
yhjR	rpmB	pull down
yibL	rpmB	pull down
yifN	rpmB	pull down
yjjU	rpmB	pull down
ykfJ	rpmB	pull down
ykgD	rpmB	pull down
ymgC	rpmB	pull down
ypeA	rpmB	pull down
yraN	rpmB	pull down

accA	rplC	pull down
accC	rplC	pull down
aidB	rplC	pull down
aidB	rplC	pull down
cbpA	rplC	pull down
cca	rplC	pull down
cedA	rplC	pull down
clpA	rplC	pull down
clpB	rplC	pull down
clpP	rplC	pull down
coaD	rplC	pull down
crp	rplC	pull down
cspA	rplC	pull down
cspA	rplC	pull down
cspA	rplC	pull down
cspB	rplC	pull down
cspC	rplC	pull down
cspC	rplC	pull down
cspD	rplC	pull down
cspD	rplC	pull down
cspE	rplC	pull down
cspE	rplC	pull down
cspG	rplC	pull down
hupB	rplC	pull down
hupB	rplC	pull down
dcm	rplC	pull down
dcyD	rplC	pull down
deaD	rplC	pull down

dnaA	rplC	pull down
dsbG	rplC	pull down
dtd	rplC	pull down
fabZ	rplC	pull down
fimB	rplC	pull down
fis	rplC	pull down
fkpB	rplC	pull down
greB	rplC	pull down
helD	rplC	pull down
hfq	rplC	pull down
hfq	rplC	pull down
hldD	rplC	pull down
hofQ	rplC	pull down
holB	rplC	pull down
holC	rplC	pull down
holC	rplC	pull down
holD	rplC	pull down
hslO	rplC	pull down
hslU	rplC	pull down
hslV	rplC	pull down
hslV	rplC	pull down
ihfA	rplC	pull down
ihfB	rplC	pull down
ppa	rplC	pull down
ispA	rplC	pull down
kdsA	rplC	pull down
cadA	rplC	pull down
lon	rplC	pull down
lpxA	rplC	pull down
lpxD	rplC	pull down
mcbR	rplC	pull down
mdh	rplC	pull down
mnmE	rplC	pull down
mreB	rplC	pull down
mukB	rplC	pull down
murR	rplC	pull down
nfi	rplC	pull down
nfuA	rplC	pull down
nusA	rplC	pull down
nusB	rplC	pull down
paaX	rplC	pull down
ybeZ	rplC	pull down
ybeZ	rplC	pull down
malP	rplC	pull down
malP	rplC	pull down

plsB	rplC	pull down
plsB	rplC	pull down
priC	rplC	pull down
pssA	rplC	pull down
pyrH	rplC	pull down
rapA	rplC	pull down
rcaA	rplC	pull down
rcaB	rplC	pull down
rhlB	rplC	pull down
rhlB	rplC	pull down
rhlE	rplC	pull down
rho	rplC	pull down
ribD	rplC	pull down
ribH	rplC	pull down
ribH	rplC	pull down
rlmB	rplC	pull down
rlmE	rplC	pull down
rlmL	rplC	pull down
rlmN	rplC	pull down
rlmN	rplC	pull down
rlmN	rplC	pull down
rluB	rplC	pull down
rluB	rplC	pull down
rluC	rplC	pull down
rluC	rplC	pull down
rne	rplC	pull down
rne	rplC	pull down
rnpA	rplC	pull down
rnpA	rplC	pull down
rnr	rplC	pull down
rnr	rplC	pull down
rpoA	rplC	pull down
rpoC	rplC	pull down
rpoC	rplC	pull down
rppH	rplC	pull down
rppH	rplC	pull down
rppH	rplC	pull down
rsgA	rplC	pull down
rsmB	rplC	pull down
rsmH	rplC	pull down
rtcB	rplC	pull down
selB	rplC	pull down
selB	rplC	pull down
sfsA	rplC	pull down
spoT	rplC	pull down

spoT	rplC	pull down
srlR	rplC	pull down
leuS	rplC	pull down
thrS	rplC	pull down
trpS	rplC	pull down
tgt	rplC	pull down
tig	rplC	pull down
tig	rplC	pull down
trkA	rplC	pull down
trmB	rplC	pull down
ulaR	rplC	pull down
ulaR	rplC	pull down
uvrC	rplC	pull down
uvrC	rplC	pull down
uvrD	rplC	pull down
yacL	rplC	pull down
yaeJ	rplC	pull down
ybcJ	rplC	pull down
ybcJ	rplC	pull down
ybgC	rplC	pull down
ybhK	rplC	pull down
ybjX	rplC	pull down
ybjX	rplC	pull down
ydcP	rplC	pull down
yejF	rplC	pull down
yfcB	rplC	pull down
yfcB	rplC	pull down
yfiF	rplC	pull down
yfiF	rplC	pull down
yfiQ	rplC	pull down
yfjK	rplC	pull down
ygcP	rplC	pull down
yhbY	rplC	pull down
yhfX	rplC	pull down
yhiR	rplC	pull down
yibL	rplC	pull down
yihI	rplC	pull down
yjgA	rplC	pull down
yneG	rplC	pull down

mngR	rpmF	pull down
yaaX	rpmF	pull down
yggL	rpmF	pull down

ymgC	rpmF	pull down
accD	rpmG	pull down
map	rpmG	pull down
cbpA	rpmG	pull down
clpA	rpmG	pull down
clpP	rpmG	pull down
clpX	rpmG	pull down
dnaK	rpmG	pull down
fis	rpmG	pull down
grpE	rpmG	pull down
hda	rpmG	pull down
holA	rpmG	pull down
holC	rpmG	pull down
hscB	rpmG	pull down
hslV	rpmG	pull down
htpG	rpmG	pull down
ihfB	rpmG	pull down
ispA	rpmG	pull down
kdsA	rpmG	pull down
waaA	rpmG	pull down
lpxA	rpmG	pull down
lpxD	rpmG	pull down
mnmE	rpmG	pull down
murG	rpmG	pull down
parC	rpmG	pull down
ybeZ	rpmG	pull down
plsB	rpmG	pull down
pth	rpmG	pull down
pyrH	rpmG	pull down
rcaA	rpmG	pull down
ribH	rpmG	pull down
rlmB	rpmG	pull down
rpiB	rpmG	pull down
rpoA	rpmG	pull down
rpoB	rpmG	pull down
rsgA	rpmG	pull down
srlR	rpmG	pull down
ybcJ	rpmG	pull down
ybjX	rpmG	pull down
ydcP	rpmG	pull down
ygcP	rpmG	pull down
ygiM	rpmG	pull down
znuC	rpmG	pull down

acpS	rplD	pull down
melA	rplD	pull down
amiA	rplD	pull down
map	rplD	pull down
appY	rplD	pull down
cbpA	rplD	pull down
cbpA	rplD	pull down
cheR	rplD	pull down
clpA	rplD	pull down
clpP	rplD	pull down
coaD	rplD	pull down
cspA	rplD	pull down
cspB	rplD	pull down
cspC	rplD	pull down
cspC	rplD	pull down
cspE	rplD	pull down
cspE	rplD	pull down
cspG	rplD	pull down
cspl	rplD	pull down
cysK	rplD	pull down
damX	rplD	pull down
hupA	rplD	pull down
dctR	rplD	pull down
dcyD	rplD	pull down
dead	rplD	pull down
def	rplD	pull down
der	rplD	pull down
dam	rplD	pull down
dnaA	rplD	pull down
dnaB	rplD	pull down
dnaK	rplD	pull down
eutK	rplD	pull down
eutP	rplD	pull down
eutQ	rplD	pull down
eutS	rplD	pull down
fabZ	rplD	pull down
fis	rplD	pull down
fliG	rplD	pull down
fliS	rplD	pull down
fmt	rplD	pull down
ftsH	rplD	pull down
grcA	rplD	pull down
greA	rplD	pull down

grpE	rplD	pull down
helD	rplD	pull down
hfq	rplD	pull down
hfq	rplD	pull down
holC	rplD	pull down
holC	rplD	pull down
hslR	rplD	pull down
hslU	rplD	pull down
hslV	rplD	pull down
hslV	rplD	pull down
iclR	rplD	pull down
ihfB	rplD	pull down
intD	rplD	pull down
ppa	rplD	pull down
ppa	rplD	pull down
iscX	rplD	pull down
ispH	rplD	pull down
kbl	rplD	pull down
kdsA	rplD	pull down
kdsB	rplD	pull down
lepA	rplD	pull down
lpxD	rplD	pull down
lpxD	rplD	pull down
lpxD	rplD	pull down
lpxH	rplD	pull down
miaB	rplD	pull down
mnmeE	rplD	pull down
mug	rplD	pull down
mukB	rplD	pull down
murA	rplD	pull down
murR	rplD	pull down
nfi	rplD	pull down
norV	rplD	pull down
nuoE	rplD	pull down
nusA	rplD	pull down
nusG	rplD	pull down
osmF	rplD	pull down
parE	rplD	pull down
ybeZ	rplD	pull down
ybeZ	rplD	pull down
malP	rplD	pull down
plsB	rplD	pull down
pnp	rplD	pull down
pnp	rplD	pull down
ppiC	rplD	pull down

pth	rplD	pull down
pyrH	rplD	pull down
rbsB	rplD	pull down
rcaA	rplD	pull down
recG	rplD	pull down
recJ	rplD	pull down
relA	rplD	pull down
rhaS	rplD	pull down
rhIE	rplD	pull down
rho	rplD	pull down
ribD	rplD	pull down
ribF	rplD	pull down
ribB	rplD	pull down
ribH	rplD	pull down
rlmE	rplD	pull down
rlmM	rplD	pull down
rlmN	rplD	pull down
rlmN	rplD	pull down
rluB	rplD	pull down
rluB	rplD	pull down
rluC	rplD	pull down
rluC	rplD	pull down
rne	rplD	pull down
rne	rplD	pull down
rnpA	rplD	pull down
rnR	rplD	pull down
rnR	rplD	pull down
rpoA	rplD	pull down
rpoA	rplD	pull down
rpoB	rplD	pull down
rpoC	rplD	pull down
rpoD	rplD	pull down
rpoD	rplD	pull down
rpoD	rplD	pull down
rppH	rplD	pull down
rppH	rplD	pull down
rsgA	rplD	pull down
rsmB	rplD	pull down
rsmC	rplD	pull down
sdiA	rplD	pull down
secA	rplD	pull down
selB	rplD	pull down
spoT	rplD	pull down
spoT	rplD	pull down
srIR	rplD	pull down

srmB	rplD	pull down
srmB	rplD	pull down
sspB	rplD	pull down
suhB	rplD	pull down
gltX	rplD	pull down
glyQ	rplD	pull down
leuS	rplD	pull down
tgt	rplD	pull down
tig	rplD	pull down
tig	rplD	pull down
treC	rplD	pull down
trmB	rplD	pull down
trpE	rplD	pull down
tusE	rplD	pull down
ulaR	rplD	pull down
uspF	rplD	pull down
uvrC	rplD	pull down
xdhB	rplD	pull down
yacl	rplD	pull down
yaeJ	rplD	pull down
ybaZ	rplD	pull down
ybcJ	rplD	pull down
ybeB	rplD	pull down
ybhK	rplD	pull down
ybjX	rplD	pull down
ybjX	rplD	pull down
ychJ	rplD	pull down
yciH	rplD	pull down
yebE	rplD	pull down
yebG	rplD	pull down
yecA	rplD	pull down
yegL	rplD	pull down
yfcU	rplD	pull down
yfdS	rplD	pull down
yfeZ	rplD	pull down
yffB	rplD	pull down
yfhA	rplD	pull down
yfjF	rplD	pull down
ygck	rplD	pull down
ygcP	rplD	pull down
ygdL	rplD	pull down
ygiC	rplD	pull down
yhaK	rplD	pull down
yhbQ	rplD	pull down
yhbY	rplD	pull down

yhhY	rplD	pull down
yhiR	rplD	pull down
yihI	rplD	pull down
yiiS	rplD	pull down
yjbM	rplD	pull down
yjcF	rplD	pull down
ymgA	rplD	pull down
yneG	rplD	pull down
yobB	rplD	pull down
yohF	rplD	pull down
znuC	rplD	pull down
znuC	rplD	pull down

atpD	rplE	pull down
btuE	rplE	pull down
cbpA	rplE	pull down
clpA	rplE	pull down
clpP	rplE	pull down
cspC	rplE	pull down
cspC	rplE	pull down
dmlR	rplE	pull down
fabZ	rplE	pull down
fdhE	rplE	pull down
fecl	rplE	pull down
ftsZ	rplE	pull down
fxsA	rplE	pull down
greA	rplE	pull down
hscA	rplE	pull down
ihfA	rplE	pull down
ihfB	rplE	pull down
kdsA	rplE	pull down
waaA	rplE	pull down
cadA	rplE	pull down
minC	rplE	pull down
minE	rplE	pull down
mreB	rplE	pull down
nrdH	rplE	pull down
nusA	rplE	pull down
nusG	rplE	pull down
obgE	rplE	pull down
ybeZ	rplE	pull down
ybeZ	rplE	pull down
pnp	rplE	pull down
psuG	rplE	pull down
fruB	rplE	pull down

chbA	rplE	pull down
pyrH	rplE	pull down
rcaA	rplE	pull down
rcaB	rplE	pull down
rhaS	rplE	pull down
ribD	rplE	pull down
rlmN	rplE	pull down
rlmN	rplE	pull down
rluB	rplE	pull down
rluC	rplE	pull down
rpoA	rplE	pull down
rpoD	rplE	pull down
rppH	rplE	pull down
skp	rplE	pull down
slyD	rplE	pull down
srlR	rplE	pull down
sspB	rplE	pull down
tig	rplE	pull down
trmB	rplE	pull down
uspF	rplE	pull down
ybjX	rplE	pull down
ybjX	rplE	pull down
yceD	rplE	pull down
ycgL	rplE	pull down
ycgY	rplE	pull down
ychJ	rplE	pull down
ydhZ	rplE	pull down
ydiZ	rplE	pull down
yfcl	rplE	pull down
yfdK	rplE	pull down
yhcO	rplE	pull down
yjbM	rplE	pull down
ymgA	rplE	pull down

acpS	rplF	pull down
atpD	rplF	pull down
bgIX	rplF	pull down
cbpA	rplF	pull down
deaD	rplF	pull down
dmlR	rplF	pull down
dnaK	rplF	pull down
entB	rplF	pull down
eutT	rplF	pull down
fabZ	rplF	pull down
fdhE	rplF	pull down

fecl	rplF	pull down
fliK	rplF	pull down
fre	rplF	pull down
gadE	rplF	pull down
glpQ	rplF	pull down
glpX	rplF	pull down
hscA	rplF	pull down
hscC	rplF	pull down
kdsA	rplF	pull down
lpxA	rplF	pull down
lpxA	rplF	pull down
minE	rplF	pull down
moaD	rplF	pull down
mutH	rplF	pull down
nudK	rplF	pull down
nusA	rplF	pull down
osmY	rplF	pull down
ybeZ	rplF	pull down
ybeZ	rplF	pull down
phoP	rplF	pull down
plsB	rplF	pull down
pnp	rplF	pull down
priC	rplF	pull down
psuG	rplF	pull down
pta	rplF	pull down
fruB	rplF	pull down
rlmB	rplF	pull down
rlmN	rplF	pull down
rluB	rplF	pull down
rluC	rplF	pull down
rluC	rplF	pull down
rnpA	rplF	pull down
rnr	rplF	pull down
rnz	rplF	pull down
rpoA	rplF	pull down
rppH	rplF	pull down
rppH	rplF	pull down
slyD	rplF	pull down
sspB	rplF	pull down
smpB	rplF	pull down
smpB	rplF	pull down
glyQ	rplF	pull down
tig	rplF	pull down
tig	rplF	pull down
trmB	rplF	pull down

trpE	rplF	pull down
wcaA	rplF	pull down
ybcJ	rplF	pull down
ybjX	rplF	pull down
ybjX	rplF	pull down
yceD	rplF	pull down
ycgL	rplF	pull down
ycgZ	rplF	pull down
ydaY	rplF	pull down
ydhZ	rplF	pull down
yebG	rplF	pull down
yecA	rplF	pull down
yfaL	rplF	pull down
yfcD	rplF	pull down
yfcl	rplF	pull down
yfdS	rplF	pull down
yfiF	rplF	pull down
yfjF	rplF	pull down
yggW	rplF	pull down
yihI	rplF	pull down
yiiS	rplF	pull down
ymgA	rplF	pull down
yobA	rplF	pull down
ypjB	rplF	pull down

map	rplL	pull down
cbpA	rplL	pull down
clpA	rplL	pull down
clpP	rplL	pull down
clpX	rplL	pull down
coaD	rplL	pull down
crp	rplL	pull down
cspA	rplL	pull down
cspB	rplL	pull down
cspG	rplL	pull down
dnaA	rplL	pull down
dnaB	rplL	pull down
ligA	rplL	pull down
ftsA	rplL	pull down
ftsH	rplL	pull down
fucU	rplL	pull down
gcp	rplL	pull down
glmM	rplL	pull down
grpE	rplL	pull down
hda	rplL	pull down

helD	rplL	pull down
hfq	rplL	pull down
holA	rplL	pull down
holC	rplL	pull down
holD	rplL	pull down
holE	rplL	pull down
hrpB	rplL	pull down
hscA	rplL	pull down
hscB	rplL	pull down
hslU	rplL	pull down
hslV	rplL	pull down
ilvB	rplL	pull down
ispA	rplL	pull down
ispH	rplL	pull down
kbaY	rplL	pull down
kdsA	rplL	pull down
kdsB	rplL	pull down
waaA	rplL	pull down
tmk	rplL	pull down
lolA	rplL	pull down
lpxA	rplL	pull down
lpxD	rplL	pull down
hybC	rplL	pull down
miaF	rplL	pull down
moaD	rplL	pull down
mukB	rplL	pull down
murA	rplL	pull down
murC	rplL	pull down
murG	rplL	pull down
murI	rplL	pull down
narJ	rplL	pull down
nfi	rplL	pull down
nikR	rplL	pull down
nrdR	rplL	pull down
nusG	rplL	pull down
obgE	rplL	pull down
parC	rplL	pull down
ybeZ	rplL	pull down
plsB	rplL	pull down
ppiC	rplL	pull down
dnaG	rplL	pull down
pssA	rplL	pull down
pth	rplL	pull down
pyrH	rplL	pull down
queC	rplL	pull down

rarA	rplL	pull down
ravA	rplL	pull down
rho	rplL	pull down
rlmN	rplL	pull down
rluC	rplL	pull down
rne	rplL	pull down
rnpA	rplL	pull down
rpiB	rplL	pull down
rpoA	rplL	pull down
rpoB	rplL	pull down
rpoD	rplL	pull down
rpoZ	rplL	pull down
rsgA	rplL	pull down
rsmH	rplL	pull down
yqgF	rplL	pull down
secA	rplL	pull down
selB	rplL	pull down
spoT	rplL	pull down
srmB	rplL	pull down
surA	rplL	pull down
leuS	rplL	pull down
tgt	rplL	pull down
tig	rplL	pull down
trmA	rplL	pull down
tusA	rplL	pull down
ulaR	rplL	pull down
usg	rplL	pull down
uspG	rplL	pull down
uvrD	rplL	pull down
uvrY	rplL	pull down
ybaK	rplL	pull down
ybaZ	rplL	pull down
ybcJ	rplL	pull down
ybeB	rplL	pull down
ybjX	rplL	pull down
yccU	rplL	pull down
yceA	rplL	pull down
ycgF	rplL	pull down
ydcP	rplL	pull down
ydjI	rplL	pull down
yfbM	rplL	pull down
yfhM	rplL	pull down
yfjK	rplL	pull down
yiiD	rplL	pull down
yjeE	rplL	pull down

znuC	rplL	pull down
map	rplI	pull down
atpA	rplI	comigration in non denaturing gel electrophoresis
cbpA	rplI	pull down
clpA	rplI	pull down
cspC	rplI	pull down
hupB	rplI	pull down
deaD	rplI	pull down
deaD	rplI	pull down
dnaK	rplI	pull down
eno	rplI	pull down
fabZ	rplI	pull down
fmt	rplI	pull down
hfq	rplI	pull down
hrpA	rplI	pull down
hslR	rplI	pull down
hslV	rplI	pull down
intA	rplI	pull down
ppa	rplI	pull down
kdsA	rplI	pull down
lepA	rplI	pull down
lon	rplI	pull down
lon	rplI	pull down
lpxD	rplI	pull down
lpxD	rplI	pull down
mukB	rplI	pull down
pgk	rplI	pull down
ybeZ	rplI	pull down
ybeZ	rplI	pull down
phrB	rplI	pull down
malP	rplI	pull down
plsB	rplI	pull down
pnp	rplI	pull down
pnp	rplI	pull down
pyrH	rplI	pull down
rcsB	rplI	pull down
rhIB	rplI	pull down
rlmB	rplI	pull down
rlmN	rplI	pull down
rlmN	rplI	pull down
rluB	rplI	pull down
rluB	rplI	pull down
rluC	rplI	pull down
rluC	rplI	pull down

rne	rplI	pull down
rne	rplI	affinity chromatography technology
rnpA	rplI	pull down
rnr	rplI	pull down
rnr	rplI	pull down
rpoC	rplI	pull down
rppH	rplI	pull down
rppH	rplI	pull down
selB	rplI	pull down
skp	rplI	pull down
spoT	rplI	pull down
sspA	rplI	pull down
thrS	rplI	pull down
tgt	rplI	pull down
tgt	rplI	pull down
trmB	rplI	pull down
uvrC	rplI	pull down
ybcJ	rplI	pull down
ybcJ	rplI	pull down
ybjX	rplI	pull down
ydcP	rplI	pull down
yfiF	rplI	pull down
yhiN	rplI	pull down

cybC	rlmL	pull down
katE	rlmL	pull down
cspA	rlmL	pull down
cspC	rlmL	pull down
cspD	rlmL	pull down
cspE	rlmL	pull down
deaD	rlmL	pull down
fabI	rlmL	pull down
hfq	rlmL	pull down
lpxD	rlmL	pull down
manA	rlmL	pull down
ybeZ	rlmL	pull down
pssA	rlmL	pull down
rlmN	rlmL	pull down
rluB	rlmL	pull down
rluC	rlmL	pull down
rluC	rlmL	pull down
rne	rlmL	pull down
rnpA	rlmL	pull down

rnr	rlmL	pull down
rppH	rlmL	pull down
srmB	rlmL	pull down
tgt	rlmL	pull down
trmB	rlmL	pull down
ybcJ	rlmL	pull down
yebG	rlmL	pull down
yfiF	rlmL	pull down
ygiF	rlmL	pull down
yihI	rlmL	pull down

yedK	rlmM	pull down
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tpiA	rlmN	pull down
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betB	rluB	pull down
cbrC	rluB	pull down
cspA	rluB	pull down
cspC	rluB	pull down
cspD	rluB	pull down
cspE	rluB	pull down
hupA	rluB	pull down
deaD	rluB	pull down
deaD	rluB	pull down
hfq	rluB	pull down
hslV	rluB	pull down
lpxD	rluB	pull down
mobA	rluB	pull down
ybeZ	rluB	pull down
plsB	rluB	pull down
pnp	rluB	pull down
prsA	rluB	pull down
rlmN	rluB	pull down
rlmN	rluB	pull down
rluC	rluB	pull down
rluC	rluB	pull down
rne	rluB	pull down
rnpA	rluB	pull down
rppH	rluB	pull down
selB	rluB	pull down
spoT	rluB	pull down
srmB	rluB	pull down
tgt	rluB	pull down

topA	rluB	pull down
ybcJ	rluB	pull down
ybcJ	rluB	pull down
ybjX	rluB	pull down
yfiF	rluB	pull down
yhbY	rluB	pull down

cspA	rluC	pull down
cspC	rluC	pull down
cspD	rluC	pull down
mdtN	rluC	pull down
ybiY	rluC	pull down
rnr	rluC	pull down
rppH	rluC	pull down
uspF	rluC	pull down
ybcJ	rluC	pull down
yfiF	rluC	pull down
yhbY	rluC	pull down

atpA	rmlA1	pull down
cobS	rmlA1	pull down
rfbD	rmlA1	pull down

clpX	rfbB	pull down
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leuO	rnb	pull down
rnc	rnb	pull down
ydeU	rnb	pull down

dnaK	rne	anti tag coimmunoprecipitation
eno	rne	pull down
eno	rne	pull down
eno	rne	footprinting
eno	rne	mass spectrometry studies of complexes
hfq	rne	pull down

oxaA	rne	pull down
pgk	rne	pull down
pnp	rne	pull down
pnp	rne	pull down
pnp	rne	mass spectrometry studies of complexes
purH	rne	pull down
rhIB	rne	pull down
rhIB	rne	pull down
rhIB	rne	cross-linking study
rhIB	rne	molecular sieving
rhIB	rne	mass spectrometry studies of complexes
rlmN	rne	pull down
ilvA	rne	pull down
trmA	rne	pull down
ybcJ	rne	pull down
yecA	rne	pull down
hfq	rng	pull down
infC	rng	pull down
ydeU	rng	pull down
elaB	rna	pull down
cspC	rnr	pull down
cspD	rnr	pull down
cspE	rnr	pull down
deaD	rnr	pull down
deaD	rnr	pull down
hfq	rnr	pull down
hfq	rnr	pull down
ybeZ	rnr	pull down
rplD	rnr	pull down
rlmN	rnr	pull down
rlmN	rnr	pull down
rluB	rnr	pull down
rluB	rnr	pull down
rluC	rnr	pull down
rluC	rnr	pull down
rne	rnr	pull down
rppH	rnr	pull down
selB	rnr	pull down
skp	rnr	pull down
ybcJ	rnr	pull down
ybcJ	rnr	pull down
ybjX	rnr	pull down

yfiF	rnr	pull down
envY	rob	pull down
hfq	rob	pull down
topA	rob	pull down
ydjF	rob	pull down
yfaS	rob	pull down
yfdQ	rob	pull down

cedA	rpoA	pull down
cedA	rpoA	pull down
coaBC	rpoA	pull down
cspA	rpoA	pull down
hupA	rpoA	pull down
hupB	rpoA	pull down
polA	rpoA	pull down
polA	rpoA	pull down
ebgC	rpoA	pull down
fecl	rpoA	pull down
fliA	rpoA	pull down
gapA	rpoA	pull down
gcp	rpoA	pull down
greA	rpoA	pull down
greB	rpoA	pull down
hfq	rpoA	pull down
nfi	rpoA	pull down
nusA	rpoA	pull down
nusA	rpoA	pull down
nusG	rpoA	pull down
nusG	rpoA	pull down
nusG	rpoA	pull down
obgE	rpoA	pull down
pnp	rpoA	pull down
rapA	rpoA	pull down
rpsB	rpoA	pull down
prfB	rpoA	pull down
rpoH	rpoA	pull down
rpoH	rpoA	pull down
rpoN	rpoA	pull down
rpoN	rpoA	pull down
rpoN	rpoA	pull down
rpoB	rpoA	pull down
rpoB	rpoA	pull down

rpoC	rpoA	pull down
rpoC	rpoA	pull down
rpoC	rpoA	pull down
rpoC	rpoA	pull down
rpoC	rpoA	pull down
rpoD	rpoA	pull down
rpoD	rpoA	pull down
rpoS	rpoA	pull down
rpoZ	rpoA	pull down
ssb	rpoA	pull down
sspA	rpoA	pull down
topA	rpoA	pull down
tpiA	rpoA	pull down
usg	rpoA	pull down
yacl	rpoA	pull down
yacl	rpoA	pull down
ybcJ	rpoA	pull down
yegD	rpoA	pull down
ygcP	rpoA	pull down

ade	rpoB	pull down
cedA	rpoB	pull down
cedA	rpoB	pull down
clpA	rpoB	pull down
cspA	rpoB	pull down
cspE	rpoB	pull down
dctR	rpoB	pull down
dam	rpoB	pull down
polA	rpoB	pull down
dppF	rpoB	pull down
elbB	rpoB	pull down
fabA	rpoB	pull down
fecl	rpoB	pull down
fkpB	rpoB	pull down
fliA	rpoB	pull down
gapA	rpoB	pull down
gcp	rpoB	pull down
gcvP	rpoB	pull down
glnB	rpoB	pull down
greA	rpoB	pull down
greB	rpoB	pull down
hfq	rpoB	pull down
hns	rpoB	pull down
hscC	rpoB	pull down
ibpA	rpoB	pull down

cadA	rpoB	pull down
mreB	rpoB	pull down
norV	rpoB	pull down
nusA	rpoB	pull down
nusA	rpoB	pull down
nusA	rpoB	pull down
nusG	rpoB	pull down
nusG	rpoB	pull down
ppiB	rpoB	pull down
pyrG	rpoB	pull down
rapA	rpoB	pull down
rhIE	rpoB	pull down
rluC	rpoB	pull down
rluC	rpoB	pull down
rpoH	rpoB	pull down
rpoH	rpoB	pull down
rpoN	rpoB	pull down
rpoN	rpoB	pull down
rpoN	rpoB	pull down
rpoA	rpoB	blue native page
rpoA	rpoB	pull down
rpoA	rpoB	pull down
rpoA	rpoB	pull down
rpoC	rpoB	pull down
rpoC	rpoB	pull down
rpoC	rpoB	pull down
rpoC	rpoB	cross-linking study
rpoD	rpoB	pull down
rpoD	rpoB	pull down
rpoD	rpoB	pull down
rpoE	rpoB	pull down
rpoS	rpoB	pull down
rpoZ	rpoB	pull down
rpoZ	rpoB	pull down
rpoZ	rpoB	pull down
smg	rpoB	pull down
ssb	rpoB	pull down
sspA	rpoB	pull down
lysU	rpoB	pull down
tgt	rpoB	pull down
tig	rpoB	pull down
topA	rpoB	pull down
tusA	rpoB	pull down
usg	rpoB	pull down
uspG	rpoB	pull down

uvrD	rpoB	pull down
wcaK	rpoB	pull down
yacl	rpoB	pull down
yacl	rpoB	pull down
ybeD	rpoB	pull down
ybhK	rpoB	pull down
yddE	rpoB	pull down
yegD	rpoB	pull down
yjfF	rpoB	pull down
yicC	rpoB	pull down

cbpA	rpoC	pull down
cedA	rpoC	pull down
cedA	rpoC	pull down
groL	rpoC	comigration in non denaturing gel electrophoresis
citX	rpoC	pull down
clpA	rpoC	pull down
clpP	rpoC	pull down
cspA	rpoC	pull down
cspE	rpoC	pull down
dctR	rpoC	pull down
dam	rpoC	pull down
dnaJ	rpoC	pull down
polA	rpoC	pull down
dnaX	rpoC	pull down
fabA	rpoC	pull down
fecA	rpoC	pull down
fecl	rpoC	pull down
fis	rpoC	pull down
fkpB	rpoC	pull down
fliA	rpoC	pull down
gapA	rpoC	pull down
greA	rpoC	pull down
greB	rpoC	pull down
hfq	rpoC	pull down
hns	rpoC	pull down
holD	rpoC	pull down
hscB	rpoC	pull down
htpG	rpoC	pull down
ibpA	rpoC	pull down
ihfB	rpoC	pull down
adk	rpoC	pull down
lpxD	rpoC	pull down
mreB	rpoC	pull down
nusA	rpoC	pull down

nusA	rpoC	pull down
nusA	rpoC	pull down
nusG	rpoC	pull down
nusG	rpoC	pull down
pyrG	rpoC	pull down
rapA	rpoC	pull down
rapA	rpoC	pull down
rhIE	rpoC	pull down
rplD	rpoC	pull down
rlmN	rpoC	pull down
rluC	rpoC	pull down
rluC	rpoC	pull down
rpoH	rpoC	pull down
rpoH	rpoC	pull down
rpoN	rpoC	pull down
rpoN	rpoC	pull down
rpoA	rpoC	blue native page
rpoA	rpoC	pull down
rpoA	rpoC	pull down
rpoA	rpoC	pull down
rpoB	rpoC	pull down
rpoB	rpoC	pull down
rpoB	rpoC	pull down
rpoD	rpoC	pull down
rpoD	rpoC	pull down
rpoD	rpoC	pull down
rpoD	rpoC	far western blotting
rpoE	rpoC	pull down
rpoS	rpoC	pull down
rpoZ	rpoC	pull down
rpoZ	rpoC	pull down
rsd	rpoC	pull down
selD	rpoC	pull down
smg	rpoC	pull down
speA	rpoC	pull down
spoT	rpoC	pull down
ssb	rpoC	pull down
sspA	rpoC	pull down
aspS	rpoC	pull down
lysU	rpoC	pull down
ilvA	rpoC	pull down
tig	rpoC	pull down
topA	rpoC	pull down
topA	rpoC	pull down
usg	rpoC	pull down

usg	rpoC	pull down
usg	rpoC	pull down
uspG	rpoC	pull down
xisE	rpoC	pull down
wcaK	rpoC	pull down
yacl	rpoC	pull down
yacl	rpoC	pull down
ybbO	rpoC	pull down
ybcJ	rpoC	pull down
ybeD	rpoC	pull down
ybjX	rpoC	pull down
yecA	rpoC	pull down
yegD	rpoC	pull down
yjfF	rpoC	pull down
ygcP	rpoC	pull down

cedA	rpoD	pull down
cedA	rpoD	pull down
gapA	rpoD	pull down
nusA	rpoD	pull down
rpoA	rpoD	pull down
rpoA	rpoD	pull down
rpoA	rpoD	pull down
rpoB	rpoD	pull down
rpoB	rpoD	pull down
rpoC	rpoD	pull down
rpoC	rpoD	pull down
rpoC	rpoD	pull down
rpoC	rpoD	pull down
rpoZ	rpoD	pull down
rpoZ	rpoD	pull down
rsd	rpoD	pull down

ftsN	rraA	pull down
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ybcN	frr	pull down
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cbpA	rpsA	pull down
clpA	rpsA	pull down
clpA	rpsA	pull down
clpB	rpsA	blue native page
cspC	rpsA	pull down
cspC	rpsA	pull down

cspD	rpsA	pull down
cspE	rpsA	pull down
dead	rpsA	pull down
dead	rpsA	pull down
deor	rpsA	pull down
dnaK	rpsA	blue native page
eutC	rpsA	pull down
fabA	rpsA	pull down
fabI	rpsA	pull down
fabZ	rpsA	pull down
fliK	rpsA	pull down
helD	rpsA	pull down
hfq	rpsA	pull down
hfq	rpsA	pull down
holE	rpsA	pull down
hrpA	rpsA	pull down
ibpA	rpsA	pull down
intA	rpsA	pull down
kdsB	rpsA	pull down
tdk	rpsA	pull down
mutL	rpsA	pull down
ybeZ	rpsA	pull down
priC	rpsA	pull down
pssA	rpsA	pull down
pyrH	rpsA	pull down
rhIE	rpsA	pull down
rlmN	rpsA	pull down
rlmN	rpsA	pull down
rluB	rpsA	pull down
rluB	rpsA	pull down
rluC	rpsA	pull down
rnpA	rpsA	pull down
rnr	rpsA	pull down
rpoA	rpsA	pull down
rpoC	rpsA	pull down
rpoD	rpsA	pull down
rppH	rpsA	pull down
rppH	rpsA	pull down
rsgA	rpsA	pull down
ruvB	rpsA	pull down
selB	rpsA	pull down
spoT	rpsA	pull down
srlR	rpsA	pull down
smpB	rpsA	pull down
smpB	rpsA	pull down

thrS	rpsA	pull down
tgt	rpsA	pull down
tig	rpsA	pull down
tig	rpsA	pull down
tilS	rpsA	pull down
trmB	rpsA	pull down
trpE	rpsA	pull down
ubiG	rpsA	pull down
ulaR	rpsA	pull down
uvrC	rpsA	pull down
yacl	rpsA	pull down
ybcJ	rpsA	pull down
ybcJ	rpsA	pull down
ybjX	rpsA	pull down
ybjX	rpsA	pull down
ycaR	rpsA	pull down
ycgL	rpsA	pull down
ydcP	rpsA	pull down
yebG	rpsA	pull down
yfiQ	rpsA	pull down
yjeE	rpsA	pull down
ymgA	rpsA	pull down

map	rpsJ	pull down
clpA	rpsJ	pull down
clpB	rpsJ	pull down
clpP	rpsJ	pull down
crp	rpsJ	pull down
cspA	rpsJ	pull down
cspB	rpsJ	pull down
cspC	rpsJ	pull down
cspD	rpsJ	pull down
cspE	rpsJ	pull down
deaD	rpsJ	pull down
dnaA	rpsJ	pull down
dnaJ	rpsJ	pull down
dnaJ	rpsJ	pull down
dps	rpsJ	pull down
dusC	rpsJ	pull down
fabI	rpsJ	pull down
fis	rpsJ	pull down
fkpB	rpsJ	pull down
flxA	rpsJ	pull down
ftsE	rpsJ	pull down
ftsZ	rpsJ	pull down

gcp	rpsJ	pull down
glmM	rpsJ	pull down
greA	rpsJ	pull down
hda	rpsJ	pull down
holB	rpsJ	pull down
holC	rpsJ	pull down
holE	rpsJ	pull down
hslO	rpsJ	pull down
hslR	rpsJ	pull down
hslU	rpsJ	pull down
ppa	rpsJ	pull down
ispA	rpsJ	pull down
ispF	rpsJ	pull down
kdsA	rpsJ	pull down
waaA	rpsJ	pull down
cadA	rpsJ	pull down
lepA	rpsJ	pull down
lola	rpsJ	pull down
lpxA	rpsJ	pull down
lpxD	rpsJ	pull down
hybC	rpsJ	pull down
mnmE	rpsJ	pull down
mukB	rpsJ	pull down
mukB	rpsJ	pull down
murA	rpsJ	pull down
nrdR	rpsJ	pull down
nusB	rpsJ	pull down
nusB	rpsJ	pull down
nusG	rpsJ	pull down
nusG	rpsJ	pull down
parC	rpsJ	pull down
plsB	rpsJ	pull down
pth	rpsJ	pull down
pyrH	rpsJ	pull down
queC	rpsJ	pull down
rcsB	rpsJ	pull down
rhIB	rpsJ	pull down
rhIE	rpsJ	pull down
rimN	rpsJ	pull down
rlmB	rpsJ	pull down
rlmN	rpsJ	pull down
rlmN	rpsJ	pull down
rluB	rpsJ	pull down
rluB	rpsJ	pull down
rluD	rpsJ	pull down

rne	rpsJ	pull down
rnpA	rpsJ	pull down
rpoA	rpsJ	pull down
rpoB	rpsJ	pull down
rpoB	rpsJ	pull down
rpoC	rpsJ	pull down
rpoZ	rpsJ	pull down
rsgA	rpsJ	pull down
rsmH	rpsJ	pull down
rsuA	rpsJ	pull down
rsuA	rpsJ	pull down
ruvB	rpsJ	pull down
spoT	rpsJ	pull down
leuS	rpsJ	pull down
thrS	rpsJ	pull down
tig	rpsJ	pull down
ulaR	rpsJ	pull down
uvrC	rpsJ	pull down
yacl	rpsJ	pull down
yajD	rpsJ	pull down
ybaK	rpsJ	pull down
ybaZ	rpsJ	pull down
yceD	rpsJ	pull down
yciA	rpsJ	pull down
yciU	rpsJ	pull down
yfcB	rpsJ	pull down
yfhM	rpsJ	pull down
yfiQ	rpsJ	pull down
yggS	rpsJ	pull down
yifN	rpsJ	pull down
deaD	rpsK	pull down
kdsA	rpsK	pull down
rnpA	rpsK	pull down
rnr	rpsK	pull down
spoT	rpsK	pull down
tig	rpsK	pull down
uvrC	rpsK	pull down
yacl	rpsK	pull down
yfiF	rpsK	pull down
aidB	rpsL	pull down
allR	rpsL	pull down
atoC	rpsL	pull down
fkpB	rpsL	pull down

hslO	rpsL	pull down
paaX	rpsL	pull down
rnk	rpsL	pull down
speE	rpsL	pull down
spoT	rpsL	pull down
tgt	rpsL	pull down
ulaR	rpsL	pull down
uvrC	rpsL	pull down
yach	rpsL	pull down
yacl	rpsL	pull down
yacl	rpsL	pull down
yfiF	rpsL	pull down

aas	rpsM	pull down
acpP	rpsM	pull down
add	rpsM	pull down
allR	rpsM	pull down
cbpA	rpsM	pull down
cbrC	rpsM	pull down
cspB	rpsM	pull down
cspC	rpsM	pull down
cspC	rpsM	pull down
cspD	rpsM	pull down
cspG	rpsM	pull down
cspl	rpsM	pull down
hupB	rpsM	pull down
deaD	rpsM	pull down
deaD	rpsM	pull down
dam	rpsM	pull down
dnaA	rpsM	pull down
dnaJ	rpsM	pull down
era	rpsM	pull down
fabA	rpsM	pull down
fis	rpsM	pull down
fliS	rpsM	pull down
fmt	rpsM	pull down
garD	rpsM	pull down
hfq	rpsM	pull down
hfq	rpsM	pull down
hrpA	rpsM	pull down
hslV	rpsM	pull down
iclR	rpsM	pull down
ihfB	rpsM	pull down
inaA	rpsM	pull down
intA	rpsM	pull down

kdsA	rpsM	pull down
lpxD	rpsM	pull down
maa	rpsM	pull down
mfd	rpsM	pull down
msbB	rpsM	pull down
mtfA	rpsM	pull down
mutY	rpsM	pull down
narQ	rpsM	pull down
nfi	rpsM	pull down
npdA	rpsM	pull down
pdxH	rpsM	pull down
ybeZ	rpsM	pull down
pnp	rpsM	pull down
pnp	rpsM	pull down
pssA	rpsM	pull down
racR	rpsM	pull down
rcsA	rpsM	pull down
recG	rpsM	pull down
relA	rpsM	pull down
rfaC	rpsM	pull down
rlmM	rpsM	pull down
rluB	rpsM	pull down
rluC	rpsM	pull down
rluC	rpsM	pull down
rluC	rpsM	pull down
rng	rpsM	pull down
rnpA	rpsM	pull down
rnpA	rpsM	pull down
rnr	rpsM	pull down
rnr	rpsM	pull down
rpoA	rpsM	pull down
rpoC	rpsM	pull down
rpoZ	rpsM	pull down
rppH	rpsM	pull down
rppH	rpsM	pull down
rsgA	rpsM	pull down
rsmC	rpsM	pull down
rsuA	rpsM	pull down
rutR	rpsM	pull down
skp	rpsM	pull down
glyQ	rpsM	pull down
thrS	rpsM	pull down
trmB	rpsM	pull down
ubiG	rpsM	pull down
ulaR	rpsM	pull down

ulaR	rpsM	pull down
uspC	rpsM	pull down
uspF	rpsM	pull down
uvrC	rpsM	pull down
uvrC	rpsM	pull down
uvrY	rpsM	pull down
wcaC	rpsM	pull down
wcaK	rpsM	pull down
wzb	rpsM	pull down
yacL	rpsM	pull down
ybjX	rpsM	pull down
ycbK	rpsM	pull down
ydiE	rpsM	pull down
yecA	rpsM	pull down
yfbQ	rpsM	pull down
yfcH	rpsM	pull down
yfiF	rpsM	pull down
yfiF	rpsM	pull down
yfiQ	rpsM	pull down
yidB	rpsM	pull down
yiiS	rpsM	pull down
yjjU	rpsM	pull down
yneG	rpsM	pull down
yobB	rpsM	pull down

aidB	rpsN	pull down
allR	rpsN	pull down
birA	rpsN	pull down
clpA	rpsN	pull down
clpB	rpsN	pull down
cspA	rpsN	pull down
cspC	rpsN	pull down
cspD	rpsN	pull down
dcm	rpsN	pull down
deaD	rpsN	pull down
dnaA	rpsN	pull down
dnaJ	rpsN	pull down
fimB	rpsN	pull down
fkpB	rpsN	pull down
hoIC	rpsN	pull down
hscB	rpsN	pull down
iclR	rpsN	pull down
intA	rpsN	pull down
ppa	rpsN	pull down
kdsA	rpsN	pull down

hybC	rpsN	pull down
menB	rpsN	pull down
mnmeE	rpsN	pull down
napA	rpsN	pull down
nfi	rpsN	pull down
npdA	rpsN	pull down
npdA	rpsN	pull down
nusG	rpsN	pull down
pgk	rpsN	pull down
ybeZ	rpsN	pull down
pssA	rpsN	pull down
rcaA	rpsN	pull down
recQ	rpsN	pull down
rlmN	rpsN	pull down
rluB	rpsN	pull down
rluC	rpsN	pull down
rnhA	rpsN	pull down
rnk	rpsN	pull down
rnpA	rpsN	pull down
rnr	rpsN	pull down
rpoA	rpsN	pull down
rpoB	rpsN	pull down
rsgA	rpsN	pull down
spoT	rpsN	pull down
smpB	rpsN	pull down
surA	rpsN	pull down
thrS	rpsN	pull down
tgt	rpsN	pull down
tig	rpsN	pull down
ulaR	rpsN	pull down
uvrC	rpsN	pull down
uvrD	rpsN	pull down
yacl	rpsN	pull down
ydcP	rpsN	pull down
yebC	rpsN	pull down
yecA	rpsN	pull down
yfiF	rpsN	pull down
yfiQ	rpsN	pull down
yhbJ	rpsN	pull down
yibL	rpsN	pull down
allR	rpsO	pull down
cedA	rpsO	pull down
deaD	rpsO	pull down
gmhB	rpsO	pull down

hdhA	rpsO	pull down
nfi	rpsO	pull down
pnp	rpsO	pull down
rng	rpsO	pull down
rnpA	rpsO	pull down
rnr	rpsO	pull down
rpoA	rpsO	pull down
uvrC	rpsO	pull down
ydfW	rpsO	pull down
yfiF	rpsO	pull down
ygiM	rpsO	pull down

map	rpsP	pull down
cbpA	rpsP	pull down
clpA	rpsP	pull down
clpP	rpsP	pull down
cspE	rpsP	pull down
deadD	rpsP	pull down
fimB	rpsP	pull down
ftsE	rpsP	pull down
hfq	rpsP	pull down
hoIB	rpsP	pull down
hoIE	rpsP	pull down
hslV	rpsP	pull down
intA	rpsP	pull down
lpxD	rpsP	pull down
mukB	rpsP	pull down
nusG	rpsP	pull down
ybeZ	rpsP	pull down
pyrH	rpsP	pull down
ravA	rpsP	pull down
recJ	rpsP	pull down
rhlB	rpsP	pull down
rimN	rpsP	pull down
rlmN	rpsP	pull down
rluB	rpsP	pull down
rluC	rpsP	pull down
rne	rpsP	pull down
rnpA	rpsP	pull down
rnr	rpsP	pull down
rnr	rpsP	pull down
rpoA	rpsP	pull down
rpoC	rpsP	pull down
rsgA	rpsP	pull down
rsuA	rpsP	pull down

spoT	rpsP	pull down
glyQ	rpsP	pull down
leuS	rpsP	pull down
trmB	rpsP	pull down
yfiF	rpsP	pull down
yicC	rpsP	pull down

deaD	rpsR	pull down
fabA	rpsR	pull down
fimB	rpsR	pull down
hfq	rpsR	pull down
lpxD	rpsR	pull down
lpxD	rpsR	pull down
nfi	rpsR	pull down
pnp	rpsR	pull down
rhIE	rpsR	pull down
rlmN	rpsR	pull down
rluB	rpsR	pull down
rluC	rpsR	pull down
rnpA	rpsR	pull down
rnr	rpsR	pull down
rppH	rpsR	pull down
spoT	rpsR	pull down
uvrC	rpsR	pull down
ybcM	rpsR	pull down
yfiF	rpsR	pull down

aidB	rpsS	pull down
cheA	rpsS	two hybrid array
deaD	rpsS	pull down
gyrA	rpsS	two hybrid array
hrpA	rpsS	pull down
ihfB	rpsS	pull down
pmrD	rpsS	pull down
pnp	rpsS	pull down
rhIB	rpsS	pull down
rng	rpsS	pull down
rpoA	rpsS	pull down
rppH	rpsS	pull down
tig	rpsS	pull down
ulaR	rpsS	pull down
uvrC	rpsS	pull down
ybjX	rpsS	pull down

yfiF	rpsS	pull down
yfiQ	rpsS	pull down
adhE	rpsB	pull down
aidB	rpsB	pull down
fbaA	rpsB	pull down
map	rpsB	pull down
atpD	rpsB	pull down
btuE	rpsB	pull down
btuR	rpsB	pull down
cbpA	rpsB	pull down
cbpA	rpsB	pull down
cca	rpsB	pull down
cheW	rpsB	pull down
cheY	rpsB	pull down
clpA	rpsB	pull down
clpA	rpsB	pull down
clpB	rpsB	pull down
clpP	rpsB	pull down
cspB	rpsB	pull down
cspC	rpsB	pull down
cspC	rpsB	pull down
cspD	rpsB	pull down
cspD	rpsB	pull down
cspG	rpsB	pull down
cutA	rpsB	pull down
dctR	rpsB	pull down
deaD	rpsB	pull down
deaD	rpsB	pull down
der	rpsB	pull down
dmlR	rpsB	pull down
dnaA	rpsB	pull down
dnaA	rpsB	pull down
dnaB	rpsB	pull down
dnaB	rpsB	pull down
dnaJ	rpsB	pull down
dnaK	rpsB	pull down
dnaK	rpsB	pull down
ligA	rpsB	pull down
dsbA	rpsB	pull down
dusC	rpsB	pull down
edd	rpsB	pull down
era	rpsB	pull down
erpA	rpsB	pull down
fabA	rpsB	pull down

fabZ	rpsB	pull down
fdhD	rpsB	pull down
fis	rpsB	pull down
fkpB	rpsB	pull down
fldA	rpsB	pull down
flgK	rpsB	pull down
fliH	rpsB	pull down
fliL	rpsB	pull down
frvX	rpsB	pull down
ftsA	rpsB	pull down
ftsE	rpsB	pull down
ftsZ	rpsB	pull down
gatD	rpsB	pull down
glmM	rpsB	pull down
glmU	rpsB	pull down
glnB	rpsB	pull down
greA	rpsB	pull down
greB	rpsB	pull down
grpE	rpsB	pull down
gyrA	rpsB	pull down
gyrA	rpsB	pull down
gyrB	rpsB	pull down
hda	rpsB	pull down
hfq	rpsB	pull down
hfq	rpsB	pull down
hns	rpsB	pull down
hns	rpsB	pull down
hoIC	rpsB	pull down
hoIE	rpsB	pull down
hrpA	rpsB	pull down
hscB	rpsB	pull down
hscC	rpsB	pull down
hscC	rpsB	pull down
hslO	rpsB	pull down
hslR	rpsB	pull down
hslR	rpsB	pull down
hslU	rpsB	pull down
ibpA	rpsB	pull down
iclR	rpsB	pull down
ihfA	rpsB	pull down
ilvB	rpsB	pull down
ppa	rpsB	pull down
ispA	rpsB	pull down
kdsA	rpsB	pull down
waaA	rpsB	pull down

cadA	rpsB	pull down
lepA	rpsB	pull down
lldD	rpsB	pull down
lon	rpsB	pull down
lpxA	rpsB	pull down
lpxB	rpsB	pull down
lpxD	rpsB	pull down
lpxD	rpsB	pull down
hybC	rpsB	pull down
hybC	rpsB	pull down
minC	rpsB	pull down
mlaC	rpsB	pull down
mnmE	rpsB	pull down
mnmE	rpsB	pull down
msyB	rpsB	pull down
mukB	rpsB	pull down
mukB	rpsB	pull down
murA	rpsB	pull down
murC	rpsB	pull down
murE	rpsB	pull down
murG	rpsB	pull down
murI	rpsB	pull down
napD	rpsB	pull down
nusB	rpsB	pull down
nusG	rpsB	pull down
parC	rpsB	pull down
parE	rpsB	pull down
ybeZ	rpsB	pull down
ybeZ	rpsB	pull down
plsB	rpsB	pull down
pncB	rpsB	pull down
prmA	rpsB	pull down
pssA	rpsB	pull down
pth	rpsB	pull down
pth	rpsB	pull down
pyrH	rpsB	pull down
ravA	rpsB	pull down
rcaA	rpsB	pull down
recE	rpsB	pull down
rhaS	rpsB	pull down
rho	rpsB	pull down
ribD	rpsB	pull down
rimN	rpsB	pull down
rlmB	rpsB	pull down
rlmE	rpsB	pull down

rlmH	rpsB	pull down
rlmN	rpsB	pull down
rlmN	rpsB	pull down
rluB	rpsB	pull down
rluC	rpsB	pull down
rluC	rpsB	pull down
rne	rpsB	pull down
rng	rpsB	pull down
rnpA	rpsB	pull down
rnpA	rpsB	pull down
rnr	rpsB	pull down
rnr	rpsB	pull down
rpoA	rpsB	pull down
rpoD	rpsB	pull down
rpoD	rpsB	pull down
rpoS	rpsB	pull down
rpoZ	rpsB	pull down
rppH	rpsB	pull down
rppH	rpsB	pull down
rsgA	rpsB	pull down
rsmG	rpsB	pull down
rsuA	rpsB	pull down
rtcR	rpsB	pull down
ruvB	rpsB	pull down
secA	rpsB	pull down
smg	rpsB	pull down
speA	rpsB	pull down
spoT	rpsB	pull down
srlR	rpsB	pull down
srmB	rpsB	pull down
smpB	rpsB	pull down
smpB	rpsB	pull down
alaS	rpsB	pull down
pheT	rpsB	pull down
glyQ	rpsB	pull down
leuS	rpsB	pull down
thrS	rpsB	pull down
trpS	rpsB	pull down
tig	rpsB	pull down
tig	rpsB	pull down
tpiA	rpsB	pull down
trmB	rpsB	pull down
trpE	rpsB	pull down
ulaR	rpsB	pull down
uvrC	rpsB	pull down

uvrD	rpsB	pull down
ygdG	rpsB	pull down
yacl	rpsB	pull down
yafP	rpsB	pull down
ybaK	rpsB	pull down
ybaZ	rpsB	pull down
ybcJ	rpsB	pull down
ybcJ	rpsB	pull down
ybhK	rpsB	pull down
ybjX	rpsB	pull down
ybjX	rpsB	pull down
ycgL	rpsB	pull down
ycgY	rpsB	pull down
ychJ	rpsB	pull down
ycjZ	rpsB	pull down
ydhQ	rpsB	pull down
ydiZ	rpsB	pull down
yebR	rpsB	pull down
yecA	rpsB	pull down
yfaL	rpsB	pull down
yfhM	rpsB	pull down
yfiQ	rpsB	pull down
ygfA	rpsB	pull down
yggW	rpsB	pull down
yhbQ	rpsB	pull down
yhbY	rpsB	pull down
yibA	rpsB	pull down
yibL	rpsB	pull down
yicC	rpsB	pull down
yiiS	rpsB	pull down
yjeE	rpsB	pull down
yjeJ	rpsB	pull down
ymjA	rpsB	pull down
yqcA	rpsB	pull down
yqgE	rpsB	pull down

aidB	rpsT	pull down
allC	rpsT	pull down
map	rpsT	pull down
cspC	rpsT	pull down
cspD	rpsT	pull down
dcm	rpsT	pull down
deaD	rpsT	pull down
dicA	rpsT	pull down
dnaA	rpsT	pull down

fepE	rpsT	pull down
fimB	rpsT	pull down
grcA	rpsT	pull down
ppa	rpsT	pull down
kdsA	rpsT	pull down
lpxA	rpsT	pull down
lpxD	rpsT	pull down
mntR	rpsT	pull down
npdA	rpsT	pull down
pgk	rpsT	pull down
ybeZ	rpsT	pull down
pnp	rpsT	pull down
chbA	rpsT	pull down
rhIB	rpsT	pull down
rhsE	rpsT	pull down
rluB	rpsT	pull down
rluC	rpsT	pull down
rne	rpsT	pull down
rng	rpsT	pull down
rnhA	rpsT	pull down
rnpA	rpsT	pull down
rnr	rpsT	pull down
rpoA	rpsT	pull down
rpoB	rpsT	pull down
rpoZ	rpsT	pull down
rppH	rpsT	pull down
rsd	rpsT	pull down
rutR	rpsT	pull down
selB	rpsT	pull down
soxS	rpsT	pull down
spoT	rpsT	pull down
supH	rpsT	pull down
thrS	rpsT	pull down
trmB	rpsT	pull down
ulaR	rpsT	pull down
uvrC	rpsT	pull down
yacl	rpsT	pull down
yagL	rpsT	pull down
ybjX	rpsT	pull down
yfiF	rpsT	pull down
yfiQ	rpsT	pull down
yheT	rpsT	pull down
yiiS	rpsT	pull down
yjjU	rpsT	pull down

clpA	rpsU	pull down
cspD	rpsU	pull down
deaD	rpsU	pull down
deaD	rpsU	pull down
pssA	rpsU	pull down
rpsB	rpsU	pull down
rlmB	rpsU	pull down
rluB	rpsU	pull down
rne	rpsU	pull down
rng	rpsU	pull down
rnpA	rpsU	pull down
rnr	rpsU	pull down
rpoA	rpsU	pull down
rpoB	rpsU	pull down
tig	rpsU	pull down
tig	rpsU	pull down
trmB	rpsU	pull down
yacl	rpsU	pull down
yecA	rpsU	pull down
yfiF	rpsU	pull down

acpS	rpsC	pull down
ada	rpsC	pull down
accB	rpsC	pull down
birA	rpsC	pull down
btuE	rpsC	pull down
cbpA	rpsC	pull down
cbrC	rpsC	pull down
cspA	rpsC	pull down
cspA	rpsC	pull down
cspB	rpsC	pull down
cspC	rpsC	pull down
cspC	rpsC	pull down
cspD	rpsC	pull down
cspG	rpsC	pull down
cutA	rpsC	pull down
dcm	rpsC	pull down
dcyD	rpsC	pull down
deaD	rpsC	pull down
deaD	rpsC	pull down
der	rpsC	pull down
ndh	rpsC	pull down
diaA	rpsC	pull down
dam	rpsC	pull down
dnaA	rpsC	pull down

fabZ	rpsC	pull down
fimB	rpsC	pull down
fimB	rpsC	pull down
fimB	rpsC	pull down
fis	rpsC	pull down
fixA	rpsC	pull down
fkpB	rpsC	pull down
fldB	rpsC	pull down
fliA	rpsC	pull down
flxA	rpsC	pull down
fruR	rpsC	pull down
gadW	rpsC	pull down
gatD	rpsC	pull down
glmU	rpsC	pull down
glnA	rpsC	pull down
glpX	rpsC	pull down
hfq	rpsC	pull down
holA	rpsC	pull down
hrpA	rpsC	pull down
hscA	rpsC	pull down
hscC	rpsC	pull down
hslO	rpsC	pull down
hslR	rpsC	pull down
htrB	rpsC	pull down
hyaF	rpsC	pull down
hycl	rpsC	pull down
iclR	rpsC	pull down
ihfB	rpsC	pull down
ppa	rpsC	pull down
kdsA	rpsC	pull down
kdsA	rpsC	pull down
lon	rpsC	pull down
lpxD	rpsC	pull down
lpxD	rpsC	pull down
lpxD	rpsC	pull down
mdtN	rpsC	pull down
meIR	rpsC	pull down
minC	rpsC	pull down
mqsR	rpsC	pull down
mtfA	rpsC	pull down
mug	rpsC	pull down
mukB	rpsC	pull down
mutY	rpsC	pull down
nikE	rpsC	pull down
npdA	rpsC	pull down

nusA	rpsC	pull down
nusA	rpsC	pull down
nusG	rpsC	pull down
obgE	rpsC	pull down
mdoG	rpsC	pull down
ybeZ	rpsC	pull down
pinR	rpsC	pull down
plsB	rpsC	pull down
plsB	rpsC	pull down
pnp	rpsC	pull down
priA	rpsC	pull down
priB	rpsC	pull down
pssA	rpsC	pull down
pyrH	rpsC	pull down
rcnR	rpsC	pull down
rpsB	rpsC	pull down
rpsB	rpsC	pull down
recG	rpsC	pull down
recO	rpsC	pull down
rfaF	rpsC	pull down
rfaG	rpsC	pull down
rfaY	rpsC	pull down
rhlB	rpsC	pull down
rimO	rpsC	pull down
rlmL	rpsC	pull down
rlmM	rpsC	pull down
rlmN	rpsC	pull down
rlmN	rpsC	pull down
rluB	rpsC	pull down
rluC	rpsC	pull down
rluC	rpsC	pull down
rluE	rpsC	pull down
rluF	rpsC	pull down
rne	rpsC	pull down
rng	rpsC	pull down
rnhA	rpsC	pull down
rnpA	rpsC	pull down
rnpA	rpsC	pull down
rnr	rpsC	pull down
rpoA	rpsC	pull down
rpoB	rpsC	pull down
rpoC	rpsC	pull down
rpoD	rpsC	pull down
rppH	rpsC	pull down
rsgA	rpsC	pull down

rsmC	rpsC	pull down
yqgF	rpsC	pull down
secB	rpsC	pull down
selB	rpsC	pull down
smg	rpsC	pull down
speA	rpsC	pull down
spoT	rpsC	pull down
spr	rpsC	pull down
sprT	rpsC	pull down
srmB	rpsC	pull down
sspB	rpsC	pull down
smpB	rpsC	pull down
gltX	rpsC	pull down
glyQ	rpsC	pull down
thrS	rpsC	pull down
tig	rpsC	pull down
tig	rpsC	pull down
trmB	rpsC	pull down
trpE	rpsC	pull down
trpR	rpsC	pull down
ulaR	rpsC	pull down
usg	rpsC	pull down
uvrC	rpsC	pull down
uvrC	rpsC	pull down
wcaA	rpsC	pull down
wcaK	rpsC	pull down
yacl	rpsC	pull down
yafP	rpsC	pull down
ybcJ	rpsC	pull down
ybcJ	rpsC	pull down
ybeY	rpsC	pull down
ybjX	rpsC	pull down
ybjX	rpsC	pull down
yceD	rpsC	pull down
ycfD	rpsC	pull down
ycgL	rpsC	pull down
ycgY	rpsC	pull down
ychJ	rpsC	pull down
yciH	rpsC	pull down
ydcP	rpsC	pull down
ydiE	rpsC	pull down
ydiH	rpsC	pull down
ydiZ	rpsC	pull down
yfcZ	rpsC	pull down
yfdS	rpsC	pull down

yfiF	rpsC	pull down
yfjF	rpsC	pull down
ygcl	rpsC	pull down
ygfF	rpsC	pull down
yggL	rpsC	pull down
ygiC	rpsC	pull down
ygiM	rpsC	pull down
yhbQ	rpsC	pull down
yhcO	rpsC	pull down
yjaA	rpsC	pull down
yjeE	rpsC	pull down
yjfl	rpsC	pull down
ymfD	rpsC	pull down
ymgA	rpsC	pull down
ymjA	rpsC	pull down
yneG	rpsC	pull down
ynjA	rpsC	pull down
ypeA	rpsC	pull down
ypjB	rpsC	pull down

aidB	rpsD	pull down
atoC	rpsD	pull down
cbpA	rpsD	pull down
cbrC	rpsD	pull down
chpR	rpsD	pull down
clpA	rpsD	pull down
cspA	rpsD	pull down
cspA	rpsD	pull down
cspB	rpsD	pull down
cspB	rpsD	pull down
cspC	rpsD	pull down
cspC	rpsD	pull down
cspC	rpsD	pull down
cspD	rpsD	pull down
cspD	rpsD	pull down
cspE	rpsD	pull down
cspE	rpsD	pull down
cspG	rpsD	pull down
cspl	rpsD	pull down
damX	rpsD	pull down
hupA	rpsD	pull down
hupB	rpsD	pull down
dctR	rpsD	pull down
dcyD	rpsD	pull down
deaD	rpsD	pull down

deaD	rpsD	pull down
degS	rpsD	pull down
dicA	rpsD	pull down
dinG	rpsD	pull down
dam	rpsD	pull down
dsbC	rpsD	pull down
dsbG	rpsD	pull down
elaB	rpsD	pull down
entC	rpsD	pull down
era	rpsD	pull down
era	rpsD	pull down
eutJ	rpsD	pull down
fabZ	rpsD	pull down
fpr	rpsD	pull down
fimB	rpsD	pull down
fis	rpsD	pull down
fkpA	rpsD	pull down
fkpB	rpsD	pull down
fkpB	rpsD	pull down
fldB	rpsD	pull down
fliZ	rpsD	pull down
fmt	rpsD	pull down
ftsZ	rpsD	pull down
glmU	rpsD	pull down
glpD	rpsD	pull down
hfq	rpsD	pull down
hfq	rpsD	pull down
hofQ	rpsD	pull down
hscA	rpsD	pull down
hscC	rpsD	pull down
hslR	rpsD	pull down
ihfA	rpsD	pull down
ihfA	rpsD	pull down
ihfB	rpsD	pull down
intD	rpsD	pull down
ispF	rpsD	pull down
kbaY	rpsD	pull down
kdsA	rpsD	pull down
lldD	rpsD	pull down
lpxA	rpsD	pull down
lpxD	rpsD	pull down
lpxD	rpsD	pull down
lpxD	rpsD	pull down
mcrA	rpsD	pull down
mdh	rpsD	pull down

minC	rpsD	pull down
msyB	rpsD	pull down
mtfA	rpsD	pull down
murG	rpsD	pull down
murR	rpsD	pull down
narG	rpsD	pull down
nfuA	rpsD	pull down
nikE	rpsD	pull down
nlpA	rpsD	pull down
npdA	rpsD	pull down
npdA	rpsD	pull down
nrfG	rpsD	pull down
nusA	rpsD	pull down
nusA	rpsD	pull down
nusB	rpsD	pull down
obgE	rpsD	pull down
pabC	rpsD	pull down
panB	rpsD	pull down
ybeZ	rpsD	pull down
plsB	rpsD	pull down
plsB	rpsD	pull down
pncA	rpsD	pull down
pnp	rpsD	pull down
priC	rpsD	pull down
prmA	rpsD	pull down
pssA	rpsD	pull down
pssA	rpsD	pull down
psuK	rpsD	pull down
racR	rpsD	pull down
rbsB	rpsD	pull down
recG	rpsD	pull down
rfaF	rpsD	pull down
rhaD	rpsD	pull down
rhIB	rpsD	pull down
rhIE	rpsD	pull down
ribD	rpsD	pull down
rimL	rpsD	pull down
rimO	rpsD	pull down
rlmE	rpsD	pull down
rlmL	rpsD	pull down
rlmN	rpsD	pull down
rlmN	rpsD	pull down
rluB	rpsD	pull down
rluC	rpsD	pull down
rluF	rpsD	pull down

rne	rpsD	pull down
rne	rpsD	pull down
rng	rpsD	pull down
rnpA	rpsD	pull down
rnpA	rpsD	pull down
rnr	rpsD	pull down
rnr	rpsD	pull down
rpoA	rpsD	pull down
rpoA	rpsD	pull down
rpoC	rpsD	pull down
rpoC	rpsD	pull down
rpoD	rpsD	pull down
rpoE	rpsD	pull down
rppH	rpsD	pull down
rppH	rpsD	pull down
rsmB	rpsD	pull down
rsmC	rpsD	pull down
rsmE	rpsD	pull down
rsml	rpsD	pull down
rsuA	rpsD	pull down
rtcB	rpsD	pull down
selB	rpsD	pull down
selB	rpsD	pull down
sfsA	rpsD	pull down
sfsB	rpsD	pull down
slyD	rpsD	pull down
soxS	rpsD	pull down
speA	rpsD	pull down
spoT	rpsD	pull down
sspB	rpsD	pull down
stpA	rpsD	pull down
suhB	rpsD	pull down
trpS	rpsD	pull down
tauD	rpsD	pull down
thiK	rpsD	pull down
tig	rpsD	pull down
trkA	rpsD	pull down
trmB	rpsD	pull down
ubiX	rpsD	pull down
ulaR	rpsD	pull down
ulaR	rpsD	pull down
uppS	rpsD	pull down
uvrC	rpsD	pull down
uvrC	rpsD	pull down
wcaK	rpsD	pull down

yacl	rpsD	pull down
yacl	rpsD	pull down
yaej	rpsD	pull down
ybcN	rpsD	pull down
ybeY	rpsD	pull down
ybgC	rpsD	pull down
ybhK	rpsD	pull down
ybiA	rpsD	pull down
ybjX	rpsD	pull down
ycfH	rpsD	pull down
ycgE	rpsD	pull down
ycgL	rpsD	pull down
ycgM	rpsD	pull down
ychG	rpsD	pull down
ychJ	rpsD	pull down
yciH	rpsD	pull down
ycjX	rpsD	pull down
yddJ	rpsD	pull down
ydfX	rpsD	pull down
ydhW	rpsD	pull down
ydiE	rpsD	pull down
ydiE	rpsD	pull down
ydjA	rpsD	pull down
ydjF	rpsD	pull down
yeaO	rpsD	pull down
yedK	rpsD	pull down
yeeZ	rpsD	pull down
yfiF	rpsD	pull down
yfiF	rpsD	pull down
yfiF	rpsD	pull down
yfjF	rpsD	pull down
ygaV	rpsD	pull down
ygcP	rpsD	pull down
yggL	rpsD	pull down
ygiC	rpsD	pull down
yhaK	rpsD	pull down
yhbQ	rpsD	pull down
yhfS	rpsD	pull down
yhfX	rpsD	pull down
yhiR	rpsD	pull down
yihD	rpsD	pull down
yjaA	rpsD	pull down
yjeE	rpsD	pull down
ymjA	rpsD	pull down
yneG	rpsD	pull down

aidB	rpsE	pull down
allR	rpsE	pull down
map	rpsE	pull down
btuE	rpsE	pull down
btuR	rpsE	pull down
cbpA	rpsE	pull down
cbrC	rpsE	pull down
coaD	rpsE	pull down
crp	rpsE	pull down
cspA	rpsE	pull down
cspC	rpsE	pull down
cspC	rpsE	pull down
cspD	rpsE	pull down
cspD	rpsE	pull down
cspE	rpsE	pull down
cspG	rpsE	pull down
cspG	rpsE	pull down
cysC	rpsE	pull down
damX	rpsE	pull down
dcm	rpsE	pull down
dcyD	rpsE	pull down
deaD	rpsE	pull down
deaD	rpsE	pull down
dnaA	rpsE	pull down
dnaB	rpsE	pull down
dnaJ	rpsE	pull down
dps	rpsE	pull down
dusC	rpsE	pull down
tsf	rpsE	pull down
eno	rpsE	pull down
era	rpsE	pull down
era	rpsE	pull down
fabA	rpsE	pull down
fabZ	rpsE	pull down
fadI	rpsE	pull down
fdhF	rpsE	pull down
fimB	rpsE	pull down
fis	rpsE	pull down
fldA	rpsE	pull down
fliH	rpsE	pull down
ftsE	rpsE	pull down
ftsZ	rpsE	pull down
glmM	rpsE	pull down
glmU	rpsE	pull down

glpD	rpsE	pull down
greA	rpsE	pull down
greB	rpsE	pull down
grpE	rpsE	pull down
hfq	rpsE	pull down
hoIC	rpsE	pull down
hrpA	rpsE	pull down
hscA	rpsE	pull down
hscC	rpsE	pull down
hslO	rpsE	pull down
hslR	rpsE	pull down
hslU	rpsE	pull down
hyaF	rpsE	pull down
iclR	rpsE	pull down
ihfB	rpsE	pull down
intA	rpsE	pull down
ppa	rpsE	pull down
kdsA	rpsE	pull down
waaA	rpsE	pull down
kil	rpsE	pull down
lepA	rpsE	pull down
lexA	rpsE	pull down
lpxD	rpsE	pull down
lpxD	rpsE	pull down
mukB	rpsE	pull down
murQ	rpsE	pull down
nfi	rpsE	pull down
nrdG	rpsE	pull down
nuoE	rpsE	pull down
nusA	rpsE	pull down
nusA	rpsE	pull down
nusB	rpsE	pull down
nusG	rpsE	pull down
nusG	rpsE	pull down
obgE	rpsE	pull down
pbpC	rpsE	pull down
ybeZ	rpsE	pull down
ybeZ	rpsE	pull down
plsB	rpsE	pull down
pnp	rpsE	pull down
pnp	rpsE	pull down
pssA	rpsE	pull down
pyrH	rpsE	pull down
rapA	rpsE	pull down
recO	rpsE	pull down

rhIB	rpsE	pull down
rimN	rpsE	pull down
rimO	rpsE	pull down
rimP	rpsE	pull down
rlmB	rpsE	pull down
rlmE	rpsE	pull down
rlmN	rpsE	pull down
rlmN	rpsE	pull down
rluB	rpsE	pull down
rluB	rpsE	pull down
rluC	rpsE	pull down
rluC	rpsE	pull down
rnb	rpsE	pull down
rne	rpsE	pull down
rng	rpsE	pull down
rnhA	rpsE	pull down
rnpA	rpsE	pull down
rnpA	rpsE	pull down
rnr	rpsE	pull down
rnr	rpsE	pull down
rpoA	rpsE	pull down
rpoA	rpsE	pull down
rpoA	rpsE	pull down
rpoB	rpsE	pull down
rpoC	rpsE	pull down
rpoC	rpsE	pull down
rpoD	rpsE	pull down
rppH	rpsE	pull down
rppH	rpsE	pull down
selB	rpsE	pull down
slyD	rpsE	pull down
spoT	rpsE	pull down
srlR	rpsE	pull down
smpB	rpsE	pull down
glyQ	rpsE	pull down
thrS	rpsE	pull down
trpS	rpsE	pull down
tgt	rpsE	pull down
tig	rpsE	pull down
tig	rpsE	pull down
tig	rpsE	pull down
trmB	rpsE	pull down
ulaR	rpsE	pull down
ulaR	rpsE	pull down
umuD	rpsE	pull down

uvrC	rpsE	pull down
uvrD	rpsE	pull down
wcaK	rpsE	pull down
yacL	rpsE	pull down
ybcJ	rpsE	pull down
ybeY	rpsE	pull down
ybhK	rpsE	pull down
ybjX	rpsE	pull down
ycbG	rpsE	pull down
ycgY	rpsE	pull down
ydcP	rpsE	pull down
ydiH	rpsE	pull down
ydiZ	rpsE	pull down
yecA	rpsE	pull down
yecC	rpsE	pull down
yeeN	rpsE	pull down
yfcD	rpsE	pull down
yfdK	rpsE	pull down
yfeZ	rpsE	pull down
yfhM	rpsE	pull down
yfiF	rpsE	pull down
yfiF	rpsE	pull down
yfiQ	rpsE	pull down
ygdL	rpsE	pull down
ygiC	rpsE	pull down
yhaJ	rpsE	pull down
yhbQ	rpsE	pull down
yhcO	rpsE	pull down
yibL	rpsE	pull down
yiiS	rpsE	pull down
yjaB	rpsE	pull down
yjbM	rpsE	pull down
yjeE	rpsE	pull down
ypfI	rpsE	pull down
znuC	rpsE	pull down

acpP	rpsF	pull down
aidB	rpsF	pull down
allR	rpsF	pull down
clpA	rpsF	pull down
clpP	rpsF	pull down
cspC	rpsF	pull down
deaD	rpsF	pull down
dnaJ	rpsF	pull down
dps	rpsF	pull down

era	rpsF	pull down
fimB	rpsF	pull down
gmhB	rpsF	pull down
hfq	rpsF	pull down
holE	rpsF	pull down
htpG	rpsF	pull down
ibpA	rpsF	pull down
iclR	rpsF	pull down
ihfB	rpsF	pull down
lepA	rpsF	pull down
mnmeE	rpsF	pull down
mreB	rpsF	pull down
nfi	rpsF	pull down
nusG	rpsF	pull down
pgk	rpsF	pull down
rcaA	rpsF	pull down
rhlB	rpsF	pull down
rlmN	rpsF	pull down
rluB	rpsF	pull down
rluC	rpsF	pull down
rne	rpsF	pull down
rnpA	rpsF	pull down
rnr	rpsF	pull down
rnr	rpsF	pull down
rpoA	rpsF	pull down
rpoB	rpsF	pull down
rpoD	rpsF	pull down
rppH	rpsF	pull down
selB	rpsF	pull down
spoT	rpsF	pull down
thrS	rpsF	pull down
trmB	rpsF	pull down
uvrC	rpsF	pull down
uvrD	rpsF	pull down
yacl	rpsF	pull down
ybcJ	rpsF	pull down
ybhK	rpsF	pull down
ybjX	rpsF	pull down
yfiF	rpsF	pull down
yfiF	rpsF	pull down
acpP	rpsG	pull down
acpP	rpsG	pull down
acpS	rpsG	pull down
ada	rpsG	pull down

aidB	rpsG	pull down
allR	rpsG	pull down
cbpA	rpsG	pull down
cbpA	rpsG	pull down
cbrC	rpsG	pull down
clpA	rpsG	pull down
clpA	rpsG	pull down
clpB	rpsG	pull down
clpP	rpsG	pull down
clpP	rpsG	pull down
cspA	rpsG	pull down
cspA	rpsG	pull down
cspB	rpsG	pull down
cspC	rpsG	pull down
cspC	rpsG	pull down
cspC	rpsG	pull down
cspD	rpsG	pull down
cspD	rpsG	pull down
cspE	rpsG	pull down
cspE	rpsG	pull down
cspE	rpsG	pull down
cspG	rpsG	pull down
cspI	rpsG	pull down
hupB	rpsG	pull down
hupB	rpsG	pull down
dcm	rpsG	pull down
deaD	rpsG	pull down
deaD	rpsG	pull down
dam	rpsG	pull down
dnaA	rpsG	pull down
dnaA	rpsG	pull down
dusC	rpsG	pull down
fabA	rpsG	pull down
fabZ	rpsG	pull down
fdhE	rpsG	pull down
fimB	rpsG	pull down
fimB	rpsG	pull down
fmt	rpsG	pull down
ftsE	rpsG	pull down
ftsH	rpsG	pull down
glmU	rpsG	pull down
greA	rpsG	pull down
grpE	rpsG	pull down
helD	rpsG	pull down
hfq	rpsG	pull down

hldD	rpsG	pull down
hldD	rpsG	pull down
hrpA	rpsG	pull down
hscB	rpsG	pull down
hslO	rpsG	pull down
hslR	rpsG	pull down
hslU	rpsG	pull down
hslV	rpsG	pull down
htpG	rpsG	pull down
hypC	rpsG	pull down
ibpA	rpsG	pull down
iclR	rpsG	pull down
ihfB	rpsG	pull down
intA	rpsG	pull down
ppa	rpsG	pull down
kdsA	rpsG	pull down
lepA	rpsG	pull down
lon	rpsG	pull down
lpxD	rpsG	pull down
lpxD	rpsG	pull down
lpxD	rpsG	pull down
maa	rpsG	pull down
mnmE	rpsG	pull down
moaA	rpsG	pull down
msyB	rpsG	pull down
mukB	rpsG	pull down
nfi	rpsG	pull down
nikE	rpsG	pull down
nusA	rpsG	pull down
nusA	rpsG	pull down
nusG	rpsG	pull down
paaX	rpsG	pull down
ybeZ	rpsG	pull down
ybeZ	rpsG	pull down
pnp	rpsG	pull down
pnp	rpsG	pull down
ppiC	rpsG	pull down
priB	rpsG	pull down
priC	rpsG	pull down
dnaG	rpsG	pull down
prmA	rpsG	pull down
pssA	rpsG	pull down
pyrH	rpsG	pull down
rcaA	rpsG	pull down
recG	rpsG	pull down

recO	rpsG	pull down
rfaF	rpsG	pull down
rhIB	rpsG	pull down
rhIB	rpsG	pull down
rhIE	rpsG	pull down
ribD	rpsG	pull down
rimP	rpsG	pull down
rlmB	rpsG	pull down
rlmE	rpsG	pull down
rlmL	rpsG	pull down
rlmM	rpsG	pull down
rlmN	rpsG	pull down
rlmN	rpsG	pull down
rluB	rpsG	pull down
rluB	rpsG	pull down
rluC	rpsG	pull down
rluC	rpsG	pull down
rluC	rpsG	pull down
rluF	rpsG	pull down
rne	rpsG	pull down
rne	rpsG	pull down
rnpA	rpsG	pull down
rnpA	rpsG	pull down
rnr	rpsG	pull down
rnr	rpsG	pull down
rpoA	rpsG	pull down
rpoC	rpsG	pull down
rpoC	rpsG	pull down
rpoD	rpsG	pull down
rpoD	rpsG	pull down
rpoZ	rpsG	pull down
rppH	rpsG	pull down
rppH	rpsG	pull down
rsgA	rpsG	pull down
rsmB	rpsG	pull down
rsmC	rpsG	pull down
rutR	rpsG	pull down
selB	rpsG	pull down
speA	rpsG	pull down
spoT	rpsG	pull down
spoT	rpsG	pull down
sspB	rpsG	pull down
thrS	rpsG	pull down
tgt	rpsG	pull down
tig	rpsG	pull down

tig	rpsG	pull down
tiIS	rpsG	pull down
trmB	rpsG	pull down
trmB	rpsG	pull down
trmH	rpsG	pull down
ulaR	rpsG	pull down
uvrC	rpsG	pull down
uvrC	rpsG	pull down
uvrD	rpsG	pull down
wcaK	rpsG	pull down
yaeJ	rpsG	pull down
ybhK	rpsG	pull down
ybjX	rpsG	pull down
ybjX	rpsG	pull down
yciH	rpsG	pull down
ydcP	rpsG	pull down
ydiE	rpsG	pull down
ydiH	rpsG	pull down
yecA	rpsG	pull down
yfiF	rpsG	pull down
yfiF	rpsG	pull down
yfjF	rpsG	pull down
ygdL	rpsG	pull down
ygiC	rpsG	pull down
yhbY	rpsG	pull down
yhcO	rpsG	pull down
yibL	rpsG	pull down
yihI	rpsG	pull down
yjaG	rpsG	pull down
ymjA	rpsG	pull down
yneG	rpsG	pull down

acpP	rpsH	pull down
clpB	rpsH	pull down
deaD	rpsH	pull down
dps	rpsH	pull down
fimB	rpsH	pull down
iclR	rpsH	pull down
ihfB	rpsH	pull down
ppa	rpsH	pull down
lon	rpsH	pull down
lpxD	rpsH	pull down
plsB	rpsH	pull down
rnpA	rpsH	pull down
rnpA	rpsH	pull down

rnr	rpsH	pull down
spoT	rpsH	pull down
ulaR	rpsH	pull down
uvrC	rpsH	pull down
yfiF	rpsH	pull down

alkB	rpsI	pull down
appY	rpsI	pull down
yahl	rpsI	pull down
atoC	rpsI	pull down
cbrC	rpsI	pull down
cca	rpsI	pull down
cho	rpsI	pull down
clpS	rpsI	pull down
cspA	rpsI	pull down
cspC	rpsI	pull down
cspE	rpsI	pull down
cspG	rpsI	pull down
cspl	rpsI	pull down
damX	rpsI	pull down
hupB	rpsI	pull down
deaD	rpsI	pull down
ndh	rpsI	pull down
dinG	rpsI	pull down
dnaA	rpsI	pull down
dnaA	rpsI	pull down
era	rpsI	pull down
eutP	rpsI	pull down
fabA	rpsI	pull down
fadh	rpsI	pull down
fadI	rpsI	pull down
fdhE	rpsI	pull down
fkpB	rpsI	pull down
fmt	rpsI	pull down
ftsE	rpsI	pull down
ftsN	rpsI	pull down
gatD	rpsI	pull down
glcC	rpsI	pull down
glmU	rpsI	pull down
greB	rpsI	pull down
grpE	rpsI	pull down
hscA	rpsI	pull down
hscC	rpsI	pull down
htrB	rpsI	pull down
iciA	rpsI	pull down

intD	rpsI	pull down
iscS	rpsI	pull down
kdsA	rpsI	pull down
gmk	rpsI	pull down
lpxA	rpsI	pull down
lpxD	rpsI	pull down
meIR	rpsI	pull down
mtfA	rpsI	pull down
mug	rpsI	pull down
mukB	rpsI	pull down
mukE	rpsI	pull down
murG	rpsI	pull down
mutY	rpsI	pull down
npdA	rpsI	pull down
nuoE	rpsI	pull down
nusA	rpsI	pull down
obgE	rpsI	pull down
mdoG	rpsI	pull down
phrB	rpsI	pull down
plsB	rpsI	pull down
pmrD	rpsI	pull down
frvA	rpsI	pull down
puuB	rpsI	pull down
qseC	rpsI	pull down
racR	rpsI	pull down
recG	rpsI	pull down
rfaC	rpsI	pull down
rfaZ	rpsI	pull down
rhIE	rpsI	pull down
rhmD	rpsI	pull down
rlmL	rpsI	pull down
rluF	rpsI	pull down
rng	rpsI	pull down
rng	rpsI	pull down
rnhA	rpsI	pull down
rnpA	rpsI	pull down
rnr	rpsI	pull down
rppH	rpsI	pull down
rsmB	rpsI	pull down
rsmC	rpsI	pull down
rsuA	rpsI	pull down
rutR	rpsI	pull down
selB	rpsI	pull down
selD	rpsI	pull down
slyD	rpsI	pull down

soxR	rpsI	pull down
soxS	rpsI	pull down
spoT	rpsI	pull down
spr	rpsI	pull down
srmB	rpsI	pull down
tig	rpsI	pull down
tig	rpsI	pull down
tiIS	rpsI	pull down
treR	rpsI	pull down
trmH	rpsI	pull down
trpE	rpsI	pull down
ulaR	rpsI	pull down
uspF	rpsI	pull down
wcaK	rpsI	pull down
wecG	rpsI	pull down
wzb	rpsI	pull down
xerD	rpsI	pull down
yahA	rpsI	pull down
ybcJ	rpsI	pull down
yceD	rpsI	pull down
ycfD	rpsI	pull down
ycgZ	rpsI	pull down
ychJ	rpsI	pull down
yciG	rpsI	pull down
ydhZ	rpsI	pull down
ydiE	rpsI	pull down
yeaM	rpsI	pull down
yebC	rpsI	pull down
yecA	rpsI	pull down
yecF	rpsI	pull down
yedF	rpsI	pull down
yeeN	rpsI	pull down
yegL	rpsI	pull down
yfjF	rpsI	pull down
ygaP	rpsI	pull down
ygck	rpsI	pull down
ygcO	rpsI	pull down
yggS	rpsI	pull down
ygiC	rpsI	pull down
yhbS	rpsI	pull down
yhcO	rpsI	pull down
yihI	rpsI	pull down
yjaG	rpsI	pull down
yjhl	rpsI	pull down
ykfJ	rpsI	pull down

ymgA	rpsI	pull down
cusR	rsmA	pull down
cspC	rsmB	pull down
eutE	rsmB	pull down
bcp	rsmC	pull down
queA	rsmC	pull down
ftsE	rsmD	pull down
yqgE	rsmE	pull down
yhiR	rsmH	pull down
tauB	rstA	pull down
topA	rstA	pull down
pgl	rsuA	pull down
adhE	rsuA	pull down
pepN	rsuA	pull down
aroL	rsuA	pull down
basR	rsuA	pull down
bioC	rsuA	pull down
cirA	rsuA	pull down
dmlR	rsuA	pull down
fliG	rsuA	pull down
fliH	rsuA	pull down
fliK	rsuA	pull down
fliZ	rsuA	pull down
galE	rsuA	pull down
galS	rsuA	pull down
mhpE	rsuA	pull down
mhpA	rsuA	pull down
mhpR	rsuA	pull down
nagC	rsuA	pull down
rlmL	rsuA	pull down
sucC	rsuA	pull down
sucD	rsuA	pull down
yacl	rsuA	pull down

ycgF	rsuA	pull down
ychO	rsuA	pull down
ydaE	rsuA	pull down
ydjA	rsuA	pull down
yeaK	rsuA	pull down
yedK	rsuA	pull down
yfeS	rsuA	pull down
ylbA	rsuA	pull down
ymgA	rumA	pull down
ppiB	rumB	pull down
nfi	ruvA	pull down
recJ	ruvA	pull down
nohB	sapD	pull down
slyD	sapD	pull down
ycaQ	sapD	pull down
trxA	sdaB	tandem affinity purification
acpP	secA	blue native page
acpP	secA	tandem affinity purification
acpP	secA	pull down
amn	secA	pull down
aspA	secA	pull down
ansA	secA	pull down
lacZ	secA	pull down
clpA	secA	pull down
clpP	secA	pull down
cspE	secA	pull down
dusC	secA	pull down
tufA	secA	pull down
tufA	secA	pull down
nfo	secA	pull down
fliJ	secA	pull down
ftsZ	secA	pull down
gcvP	secA	pull down
greA	secA	pull down
hfq	secA	pull down
hldD	secA	pull down
hns	secA	pull down

holB	secA	pull down
holC	secA	pull down
holD	secA	pull down
hscA	secA	pull down
hslU	secA	pull down
lamB	secA	isothermal titration calorimetry
lamB	secA	nuclear magnetic resonance
lamB	secA	molecular sieving
cadA	secA	pull down
metK	secA	pull down
mnmE	secA	pull down
mreB	secA	pull down
mreB	secA	pull down
narZ	secA	pull down
nikE	secA	pull down
nusG	secA	pull down
parC	secA	pull down
parE	secA	pull down
ybeZ	secA	pull down
phoA	secA	isothermal titration calorimetry
pyrH	secA	pull down
rplW	secA	pull down
rplD	secA	pull down
rlmN	secA	pull down
rlmN	secA	pull down
rluC	secA	pull down
rodZ	secA	pull down
rpoB	secA	pull down
secA	secA	blue native page
secB	secA	pull down
secY	secA	far western blotting
smg	secA	pull down
ssb	secA	pull down
smpB	secA	pull down
sbp	secA	pull down
tyrS	secA	pull down
uspG	secA	pull down
uvrD	secA	pull down
ybgC	secA	tandem affinity purification
ybgC	secA	tandem affinity purification
ybhK	secA	pull down
yecA	secA	pull down
yejA	secA	pull down
yihI	secA	pull down

ppa	secB	pull down
lon	secB	pull down
secA	secB	pull down
secA	secB	pull down
stfQ	secB	pull down
uspF	secB	pull down
uspG	secB	pull down
ydbA	secB	pull down
ydeU	secB	pull down

speF	selB	pull down
hfq	selB	pull down
rlmN	selB	pull down
rlmN	selB	pull down
serC	selB	pull down
smpB	selB	pull down
ydcK	selB	pull down
ydcP	selB	pull down
ydiZ	selB	pull down

grxD	selD	pull down
rpe	selD	pull down
trpS	selD	pull down

hupB	seqA	pull down
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araG	serB	pull down
nlpB	serB	pull down

allB	serC	pull down
asnA	serC	pull down
dpiA	serC	pull down
ycdX	serC	pull down

rne	sfmD	affinity chromatography technology
rne	sfmD	affinity chromatography technology
rne	sfmD	affinity chromatography technology
rne	sfmD	affinity chromatography technology
rne	sfmD	affinity chromatography technology
yajD	sfmD	pull down

cspD	skp	pull down
hupB	skp	pull down

dps	skp	pull down
gnsA	skp	pull down
hfq	skp	pull down
hfq	skp	pull down
lexA	skp	pull down
mtlR	skp	pull down
murQ	skp	pull down
rlmN	skp	pull down
smpB	skp	pull down
tusA	skp	pull down
-	skp	pull down
yebR	skp	pull down
yegV	skp	pull down
yihI	skp	pull down

gadA	slp	comigration in non denaturing gel electrophoresis
dcrB	slp	blue native page
frdA	slp	comigration in non denaturing gel electrophoresis
slp	slp	blue native page

clpX	slyB	pull down
rimO	slyB	pull down
yebC	slyB	pull down

alkA	slyD	pull down
alsB	slyD	pull down
caiA	slyD	pull down
groS	slyD	pull down
clpP	slyD	pull down
corC	slyD	pull down
cysC	slyD	pull down
hupB	slyD	pull down
polA	slyD	pull down
dnaQ	slyD	pull down
dnaQ	slyD	pull down
dps	slyD	pull down
dsbC	slyD	pull down
edd	slyD	pull down
nth	slyD	pull down
nei	slyD	pull down
era	slyD	pull down

eutQ	slyD	pull down
fdhE	slyD	pull down
fkpB	slyD	pull down
fliH	slyD	pull down
ftsA	slyD	pull down
ftsE	slyD	pull down
fucR	slyD	pull down
glpD	slyD	pull down
grxD	slyD	pull down
hcaB	slyD	pull down
hypB	slyD	pull down
ilvN	slyD	pull down
ppa	slyD	pull down
iscR	slyD	pull down
minC	slyD	pull down
mipA	slyD	pull down
mug	slyD	pull down
murD	slyD	pull down
murQ	slyD	pull down
mutH	slyD	pull down
nemA	slyD	pull down
nrfG	slyD	pull down
obgE	slyD	pull down
oxaA	slyD	pull down
panB	slyD	pull down
panC	slyD	pull down
parC	slyD	pull down
phnP	slyD	pull down
pyrH	slyD	pull down
racC	slyD	pull down
relA	slyD	pull down
rfaH	slyD	pull down
rplQ	slyD	pull down
rplD	slyD	pull down
rpiR	slyD	pull down
rppH	slyD	pull down
rpsA	slyD	pull down
rsmE	slyD	pull down
rutR	slyD	pull down
sfsA	slyD	pull down
sodB	slyD	pull down
ssb	slyD	pull down
sspB	slyD	pull down
sspB	slyD	pull down
stpA	slyD	pull down

suhB	slyD	pull down
aspS	slyD	pull down
gltX	slyD	pull down
thiK	slyD	pull down
thiL	slyD	pull down
trxA	slyD	tandem affinity purification
trxA	slyD	tandem affinity purification
trxC	slyD	pull down
tig	slyD	pull down
wcaK	slyD	pull down
xdhB	slyD	pull down
yacL	slyD	pull down
yagL	slyD	pull down
yagP	slyD	pull down
yajO	slyD	pull down
yceI	slyD	pull down
ycgE	slyD	pull down
ycgL	slyD	pull down
ycgM	slyD	pull down
ychG	slyD	pull down
ychJ	slyD	pull down
yciH	slyD	pull down
yebC	slyD	pull down
yedK	slyD	pull down
yegV	slyD	pull down
yfjF	slyD	pull down
ygbJ	slyD	pull down
yhaJ	slyD	pull down
yhaK	slyD	pull down
yhbQ	slyD	pull down
ymjA	slyD	pull down
yncG	slyD	pull down
yqhD	slyD	pull down
cysK	sodB	comigration in non denaturing gel electrophoresis
trxA	sodA	tandem affinity purification
engD	sohB	pull down
yeaK	sohB	pull down
ynaA	sohB	pull down
aat	speA	pull down
acnB	speD	pull down

rlmE	speD	pull down
acpP	spoT	tandem affinity purification
acpP	spoT	pull down
clpA	spoT	pull down
fldA	spoT	pull down
hfq	spoT	pull down
queC	spoT	pull down
recF	spoT	pull down
rlmN	spoT	pull down
rluC	spoT	pull down
rnk	spoT	pull down
rnpA	spoT	pull down
rpoZ	spoT	pull down
rppH	spoT	pull down
skp	spoT	pull down
ybgC	spoT	tandem affinity purification
ydiH	spoT	pull down
yihI	spoT	pull down
grpE	sra	pull down
cbpA	srnB	pull down
deaD	srnB	pull down
dnaJ	srnB	pull down
nikE	srnB	pull down
plsB	srnB	pull down
pnp	srnB	pull down
rplD	srnB	pull down
rlmN	srnB	pull down
rlmN	srnB	pull down
rluB	srnB	pull down
rluB	srnB	pull down
rluC	srnB	pull down
rne	srnB	pull down
rppH	srnB	pull down
selB	srnB	pull down
selB	srnB	pull down
spoT	srnB	pull down
sufI	srnB	pull down
topA	srnB	pull down
trmB	srnB	pull down
ybcJ	srnB	pull down
ybjX	srnB	pull down
yodC	srnB	pull down

fabA	ffh	pull down
fabZ	ffh	pull down
gyrA	ffh	pull down
rlmE	ffh	pull down
trxA	ffh	tandem affinity purification
trxA	ffh	tandem affinity purification
phrB	ssb	pull down
recG	ssb	pull down
ung	ssb	pull down
ybcN	ssb	pull down
moaA	smpB	pull down
prfC	smpB	pull down
tgt	smpB	pull down
dut	stfR	pull down
flgG	stfR	pull down
mcbR	stfR	pull down
ycgC	stfR	pull down
uxaA	stfR	pull down
ycgV	stfR	pull down
yfcB	stfR	pull down
dtd	stpA	pull down
dut	stpA	pull down
hns	stpA	pull down
hns	stpA	pull down
mfd	stpA	pull down
msyB	stpA	pull down
nagB	stpA	pull down
potD	stpA	pull down
rimO	stpA	pull down
sbm	stpA	pull down
tkkB	stpA	pull down
uspA	stpA	pull down
ybgl	stpA	pull down
yciA	stpA	pull down
yebC	stpA	pull down
yjjU	stpA	pull down
trxA	sucC	tandem affinity purification

trxA	sucC	tandem affinity purification
deaD	sucD	pull down
nifU	sucD	pull down
sucC	sucD	blue native page
sucC	sucD	pull down
sucC	sucD	comigration in non denaturing gel electrophoresis
trxA	sucD	tandem affinity purification
trxA	sucD	tandem affinity purification
alkB	sufC	pull down
deaD	sufC	pull down
infC	sufC	pull down
sufB	sufC	pull down
ybcN	sufC	pull down
yfiF	sufC	pull down
acrD	alaS	pull down
clpB	alaS	pull down
dnaK	alaS	pull down
glmS	alaS	pull down
glnD	alaS	pull down
mprA	alaS	pull down
msbB	alaS	pull down
mrcA	alaS	pull down
rluB	alaS	pull down
topA	alaS	pull down
yfaL	alaS	pull down
yfaS	alaS	pull down
yfjK	alaS	pull down
hemN	cysS	pull down
corA	aspS	pull down
dgoK	aspS	pull down
dnaA	aspS	pull down
dnaK	aspS	comigration in non denaturing gel electrophoresis
fliC	aspS	pull down
folC	aspS	pull down
fumC	aspS	pull down
gcl	aspS	pull down

pfkA	aspS	pull down
napD	aspS	pull down
perR	aspS	pull down
dnaG	aspS	pull down
rplJ	aspS	pull down
rpoA	aspS	pull down
rpoA	aspS	pull down
sgbE	aspS	pull down
yahG	aspS	pull down
ycho	aspS	pull down
ydjF	aspS	pull down
accB	gltX	pull down
cysK	gltX	comigration in non denaturing gel electrophoresis
deoC	gltX	pull down
eno	gltX	pull down
flgM	gltX	pull down
fucR	gltX	pull down
manA	gltX	pull down
ybhB	gltX	pull down
yecJ	gltX	pull down
yhgF	gltX	pull down
tynA	pheT	pull down
paaJ	pheT	pull down
pheS	pheT	blue native page
pheS	pheT	pull down
pheS	pheT	comigration in non denaturing gel electrophoresis
argS	pheT	pull down
uxaA	pheT	pull down
yfjK	pheT	pull down
grxA	glyQ	pull down
lldD	glyQ	pull down
metK	glyQ	pull down
moaD	glyQ	pull down
moaE	glyQ	pull down
mreB	glyQ	pull down
gyrA	glyS	pull down
gyrB	glyS	pull down
nrdR	glyS	pull down
purD	glyS	pull down
rfaP	glyS	pull down
skp	glyS	pull down

smp	glyS	pull down
fdoG	ileS	pull down
fkpB	ileS	pull down
panB	ileS	pull down
rnb	ileS	pull down
lysU	ileS	pull down
hypC	lysS	pull down
idnD	lysS	pull down
mdh	lysS	comigration in non denaturing gel electrophoresis
pqqL	lysS	pull down
rlmN	lysS	pull down
sbm	lysS	pull down
tdcD	lysS	pull down
ucpA	lysS	pull down
uup	lysS	pull down
ybaZ	lysS	pull down
yeiR	lysS	pull down
accA	lysU	pull down
fdhD	lysU	pull down
grcA	lysU	pull down
mreB	lysU	pull down
rlmN	lysU	pull down
sspA	lysU	pull down
tpiA	lysU	pull down
ligA	leuS	pull down
mdh	leuS	comigration in non denaturing gel electrophoresis
solA	leuS	pull down
topA	leuS	two hybrid array
priC	metG	pull down
truD	metG	pull down
aspS	asnS	pull down
uxaC	asnS	pull down
cheA	proS	two hybrid array
cysI	proS	pull down
dnaK	proS	pull down
folA	proS	pull down
fliA	proS	two hybrid array
fliC	proS	pull down

fliG	proS	two hybrid array
fliI	proS	two hybrid array
ibpA	proS	pull down
lsrK	proS	pull down
narQ	proS	pull down
proA	proS	pull down
rpe	proS	two hybrid array
treC	proS	pull down
wecG	proS	pull down
cysK	glnS	pull down
speF	glnS	pull down
fabZ	glnS	pull down
lpxD	glnS	pull down
trmB	glnS	pull down
gyrA	argS	pull down
speE	argS	pull down
yagT	argS	pull down
yebC	argS	pull down
tag	serS	pull down
cspE	serS	pull down
dam	serS	pull down
fadH	serS	pull down
slyD	serS	pull down
sspA	serS	pull down
lysU	serS	pull down
ydiZ	serS	pull down
yidF	serS	pull down
tynA	thrS	pull down
asmA	thrS	pull down
cysB	thrS	pull down
dnaB	thrS	pull down
folA	thrS	pull down
glnK	thrS	pull down
gpmA	thrS	pull down
greA	thrS	pull down
kefF	thrS	pull down
pykA	thrS	pull down
livF	thrS	pull down
rpsF	thrS	pull down
sspB	thrS	pull down
-	thrS	pull down

yaeB	thrS	pull down
ybaA	thrS	pull down
ybil	thrS	pull down
ycbK	thrS	pull down
ydck	thrS	pull down
ydeU	thrS	pull down
yfiQ	thrS	pull down
yidA	thrS	pull down
ymgA	thrS	pull down
tufA	valS	pull down
glcB	valS	comigration in non denaturing gel electrophoresis
xdhD	valS	pull down
ybhK	valS	pull down
pykF	tyrS	pull down
chbG	talA	pull down
dosP	talA	pull down
eutE	talA	pull down
pabC	talA	pull down
rluD	talA	pull down
tauD	talA	pull down
ydfI	talA	pull down
yggC	talA	pull down
allC	talB	pull down
zntA	talB	pull down
rlmM	talB	pull down
trxA	talB	tandem affinity purification
kbl	tdh	pull down
murQ	tdh	pull down
yeaK	tdh	pull down

cspD	tehB	pull down
fdx	tehB	pull down
yfdR	tehB	pull down

gsp	tgt	pull down
hfq	tgt	pull down
prfC	tgt	pull down
rnr	tgt	pull down
uvrD	tgt	pull down

tig	lacA	pull down
ygaV	lacA	pull down

speG	thil	pull down
mutM	thil	pull down
maa	thil	pull down
frr	thil	pull down
trxC	thil	pull down
yaeQ	thil	pull down
ychJ	thil	pull down
yciH	thil	pull down
yeiR	thil	pull down

yebC	sseA	pull down
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groS	tig	pull down
groS	tig	pull down
groL	tig	comigration in non denaturing gel electrophoresis
clpP	tig	pull down
eaeH	tig	pull down
fabA	tig	pull down

flgH	tig	two hybrid array
folM	tig	pull down
glnB	tig	pull down
hfq	tig	pull down
hns	tig	pull down
hypC	tig	pull down
ppa	tig	pull down
ppa	tig	pull down
pykA	tig	pull down
pykA	tig	pull down
metK	tig	two hybrid array
ompA	tig	pull down
ybiW	tig	pull down
pta	tig	pull down
purC	tig	pull down
purC	tig	pull down
rbsA	tig	pull down
rpoZ	tig	pull down
rpsG	tig	pull down
uxaC	tig	pull down
ydiH	tig	pull down
yfcB	tig	pull down
yfcB	tig	pull down

pflB	tnaA	comigration in non denaturing gel electrophoresis
hchA	tnaA	pull down
hscC	tnaA	pull down
menF	tnaA	pull down
mqsR	tnaA	pull down
rnz	tnaA	pull down
lysU	tnaA	pull down
tauA	tnaA	pull down
trxA	tnaA	tandem affinity purification
uppS	tnaA	pull down

artP	topA	pull down
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cspC	topA	pull down
fliH	topA	two hybrid array
gatD	topA	pull down
glnD	topA	pull down
holC	topA	pull down
holC	topA	pull down
holE	topA	pull down
hscC	topA	pull down
hyaD	topA	pull down
iadA	topA	pull down
msbB	topA	pull down
ydbK	topA	two hybrid array
recQ	topA	pull down
rnfC	topA	pull down
rnhA	topA	pull down
rnhA	topA	pull down
rsmB	topA	pull down
sohA	topA	pull down
tig	topA	pull down
trpB	topA	pull down
ybbL	topA	pull down
yber	topA	pull down
yigZ	topA	pull down
lpxB	torC	pull down
yeaA	torY	pull down
dps	tpx	pull down
hinT	tpx	pull down
puuB	tpx	pull down
thiD	tpx	pull down
trxA	tpx	tandem affinity purification

yjeK	treR	pull down
yjgl	treR	pull down
fhiA	trmB	two hybrid array
yhhY	trmB	pull down
spoT	trmH	pull down
ybeR	trmH	pull down
dpiA	trmJ	pull down
rfaZ	trmJ	pull down
lrp	trxB	pull down
mdoG	trxB	pull down
trxA	trxB	x-ray crystallography
ycdX	trxB	pull down
cbpA	tusC	pull down
ybeY	typA	pull down
yigZ	typA	pull down
nadB	tyrR	pull down
argI	tyrR	pull down
eutD	ubiB	pull down
holC	ubiB	pull down
holE	ubiB	pull down
yiiS	ubiB	pull down
yiiD	ubiF	pull down
metR	udp	pull down
trxA	udp	tandem affinity purification
glnD	ulaD	pull down
fkpA	ulaR	pull down
yfiQ	ulaR	pull down

yfbM upp pull down

def usg pull down

ibpA uspA pull down

nusA uspA pull down

pyrH uspA pull down

yiiS uspD pull down

artI uspG pull down

artJ uspG pull down

groL uspG cosedimentation through density gradient

cheZ uspG pull down

cho uspG pull down

cspB uspG pull down

cspC uspG pull down

cspE uspG pull down

cspG uspG pull down

cspl uspG pull down

hupB uspG pull down

dksA uspG pull down

tufA uspG pull down

entB uspG pull down

xthA uspG pull down

fliH uspG pull down

ftsZ uspG pull down

grxA uspG pull down

hdhA uspG pull down

hfq uspG pull down

mhpE uspG pull down

ibpA uspG pull down

lpxB uspG pull down

mreB uspG pull down

murG uspG pull down

npdA uspG pull down

nudB uspG pull down

pncB uspG pull down

potF	uspG	pull down
pyrD	uspG	pull down
pyrH	uspG	pull down
rcaF	uspG	pull down
rfaC	uspG	pull down
rfaF	uspG	pull down
rho	uspG	pull down
rimO	uspG	pull down
rplB	uspG	pull down
rluC	uspG	pull down
rnk	uspG	pull down
rstA	uspG	pull down
rutR	uspG	pull down
speE	uspG	pull down
ssuD	uspG	pull down
tolA	uspG	pull down
uidR	uspG	pull down
yacl	uspG	pull down
yacl	uspG	pull down
yagB	uspG	pull down
ycdB	uspG	pull down
ycdO	uspG	pull down
ycdX	uspG	pull down
ycdY	uspG	pull down
ydbH	uspG	pull down
yecF	uspG	pull down
yfcU	uspG	pull down
yfgD	uspG	pull down
infB	uup	pull down
pqiB	uup	pull down
rhsE	uup	pull down
ydhQ	uup	pull down
yibA	uup	pull down
yibD	uup	pull down
allD	uvrA	pull down
argG	uvrA	pull down
ppc	uvrA	pull down
recC	uvrA	pull down
holC	uvrA	pull down
murA	uvrA	pull down
nusA	uvrA	pull down
tig	uvrA	pull down

nudK	uvrC	pull down
ihfB	uxuB	pull down
ansB	visC	pull down
rdgB	visC	pull down
yagR	visC	pull down
frsA	wcaF	pull down
lysU	wrbA	pull down
gadB	yadG	pull down
phnD	yadG	pull down
gsp	yaeT	pull down
gsk	yaeT	pull down
nlpB	yaeT	blue native page
araG	yafC	pull down
ddlA	yafC	pull down
manX	yafC	pull down
ugpC	yafC	pull down
yagM	yafC	pull down
ulaR	yagX	pull down
glpC	yahK	blue native page
yaeC	yahK	pull down

fliY	yaiL	pull down
fldB	yajC	pull down
yajC	yajC	blue native page
napD	yajQ	pull down
napD	yajQ	pull down
rppH	yajQ	pull down
trxA	yajQ	tandem affinity purification
trxA	yajQ	tandem affinity purification
ybcJ	yajQ	pull down
yahl	ybaB	pull down
damX	ybaB	pull down
dam	ybaB	pull down
gnsA	ybaB	pull down
lsrR	ybaB	pull down
xdhC	ybcD	pull down
tufA	ybeD	pull down
mreB	ybeD	pull down
trxA	ybeD	tandem affinity purification
trxA	ybeD	tandem affinity purification
acpP	ybgC	pull down
acpP	ybgC	affinity chromatography technology
acpP	ybgC	affinity chromatography technology
acpP	ybgC	tandem affinity purification
acpP	ybgC	pull down
plsB	ybgC	adenylate cyclase complementation
rluD	ybgC	pull down
adiA	ybgI	pull down

acpP ybgJ pull down

secB ybgK pull down

acpS ybiB pull down

corC ybiB pull down

dinG ybiB pull down

greA ybiB pull down

infB ybiB pull down

moaE ybiB pull down

nudI ybiB pull down

pptA ybiB pull down

thyA ybiB pull down

yhaK ybiB pull down

fusA ybjD pull down

narQ ybjD pull down

rluC ybjD pull down

hldD ybjX pull down

fadI ycaO pull down

rluD ycaO pull down

secA ycaO pull down

uspG ycaO pull down

yhjS ycaO pull down

dapA ycbB pull down

smpB ycbB pull down

waaU ycbB pull down

wbbJ ycbB pull down

yidL ycbB pull down

yihI ycbB pull down

ypfI ycbB pull down

bcp	ycbG	pull down
flxA	ycbG	pull down
yejG	ycbG	pull down

nifU	ycfZ	pull down
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hyaE	ycjT	pull down
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ygcJ	ycjW	pull down
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maeB	ycjZ	pull down
nagK	ycjZ	pull down

cspB	ydaE	pull down
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kefG	ydaL	pull down
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cspA	ydaY	pull down
cspC	ydaY	pull down
dusC	ydaY	pull down

hldD	ydaY	pull down
murB	ydaY	pull down
murE	ydaY	pull down
prmA	ydaY	pull down
purB	ydaY	pull down
rpe	ydaY	pull down
rsgA	ydaY	pull down
surA	ydaY	pull down
uup	ydaY	pull down
yeeN	ydaY	pull down

dnaK	ydcR	pull down
pabB	ydcR	pull down

lsrF	ydfG	pull down
mtlR	ydfG	pull down

hyaD	ydfZ	pull down
yeaR	ydfZ	pull down

basR	ydgH	pull down
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tufA	ydhQ	pull down
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clpP	ydiH	pull down
dnaQ	ydiH	pull down
mreB	ydiH	pull down
obgE	ydiH	pull down

dppF	ydiJ	pull down
trxA	ydjA	tandem affinity purification
ybaK	ydjA	pull down
abgR	ydjF	pull down
fixC	ydjF	pull down
glk	ydjF	pull down
folA	yeaG	pull down
fusA	yeaG	pull down
greA	yeaG	pull down
gcp	yeaZ	pull down
mgIB	yebC	pull down
fucl	yebT	pull down
garL	yebT	pull down
pckA	yebT	pull down
pyrH	yebT	pull down
stfQ	yebT	pull down
idnD	yecC	pull down
uup	yecC	pull down
aroE	yedE	pull down
pmrD	yedN	pull down
rpsL	yedN	pull down
ybeY	yedS	pull down
rlmN	yeeX	pull down
rpoD	yeeX	pull down
rpsF	yeeX	pull down

smpB	yeeX	pull down
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fkpA	yeiT	pull down
prfB	yeiT	pull down
uup	yeiT	pull down
ygfA	yeiT	pull down

alaS	yfaA	pull down
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cysC	yfbU	pull down
mazG	yfbU	pull down
argI	yfbU	pull down
phnN	yfbU	pull down
ppiB	yfbU	pull down
rpoE	yfbU	pull down
-	yfbU	pull down
yecF	yfbU	pull down
yfjY	yfbU	pull down

cysM	yfcA	pull down
yhdH	yfcA	pull down

ybeZ	yfcB	pull down
yejF	yfcB	pull down

lysU	yfcZ	pull down
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ygaD	yfgM	pull down
clpP	yfiF	pull down
cspC	yfiF	pull down
cspD	yfiF	pull down
deaD	yfiF	pull down
deaD	yfiF	pull down
dnaQ	yfiF	pull down
dnaX	yfiF	pull down
ftsA	yfiF	pull down
greA	yfiF	pull down
hfq	yfiF	pull down
holE	yfiF	pull down
hrpA	yfiF	pull down
infC	yfiF	pull down
kdsA	yfiF	pull down
lpxD	yfiF	pull down
murG	yfiF	pull down
ybeZ	yfiF	pull down
dnaG	yfiF	pull down
prsA	yfiF	pull down
pssA	yfiF	pull down
pyrH	yfiF	pull down
rlmL	yfiF	pull down
rlmN	yfiF	pull down
rlmN	yfiF	pull down
rluB	yfiF	pull down
rluC	yfiF	pull down
rluC	yfiF	pull down
rne	yfiF	pull down
rnpA	yfiF	pull down
rnr	yfiF	pull down
rppH	yfiF	pull down
rppH	yfiF	pull down
selB	yfiF	pull down
selB	yfiF	pull down
srlR	yfiF	pull down
ssb	yfiF	pull down
smpB	yfiF	pull down
tgt	yfiF	pull down
tgt	yfiF	pull down

tig	yfiF	pull down
trmB	yfiF	pull down
uvrC	yfiF	pull down
ybcJ	yfiF	pull down
ybcJ	yfiF	pull down
yhbY	yfiF	pull down
yibL	yfiF	pull down
nlpB	yfiO	blue native page
atoA	yfiO	pull down
tig	yfiP	pull down
btuD	yfjI	pull down
gltL	yfjI	pull down
dusC	yfjW	pull down
yiiD	yfjW	pull down
fabB	ygaC	pull down
pepT	ygaC	pull down
rpsN	ygaC	pull down
yaIG	ygaC	pull down
cutC	ygeY	pull down
fabA	ygeY	pull down
fimD	ygeY	pull down
rsuA	ygeY	pull down
ydcS	ygeY	pull down
yniA	ygeY	pull down
rcsB	ygfK	pull down
infB	ygfZ	pull down
usg	ygfZ	pull down
aroC	yghA	pull down
dsdC	yghA	pull down
pheT	yghQ	pull down

yecF	ygiN	pull down
cysC	ygiT	pull down
dinG	ygiT	pull down
fdhF	ygiT	pull down
obgE	ygiT	pull down
lysU	ygiW	pull down
ynfB	ygiW	pull down
rihB	yhdE	pull down
cheW	yhgF	pull down
cmoB	yhgF	pull down
glnK	yhgF	pull down
murA	yhgF	pull down
valS	yhgF	pull down
ydcP	yhgF	pull down
yjfF	yhgF	pull down
yifN	yhhK	pull down
dhaK	yhiH	pull down
fabB	yiaG	pull down
yqgF	yiaG	pull down
ubiD	yiaG	pull down

yehK	yiaG	pull down
groL	yibA	pull down
dnaK	yibA	pull down
solA	yibA	pull down
prsA	yibA	pull down
usg	yibA	pull down
qseC	yibN	pull down
torA	yibN	pull down
accC	yiiS	pull down
rutC	yiiS	pull down
rlmB	yjeE	pull down
tusA	yjeE	pull down
yjeF	yjeE	pull down
mcrB	yjeF	pull down
rlmB	yjeF	pull down
uvrC	yjeF	pull down
yjeE	yjeF	pull down
aidB	yjgD	pull down
clpP	yjgD	pull down

dnaX	yjgD	pull down
fabI	yjgD	pull down
glbB	yjgD	pull down
ihfB	yjgD	pull down
ppa	yjgD	pull down
mreB	yjgD	pull down

metN	yjhC	pull down
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trxA	yjiA	tandem affinity purification
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yghA	yjiE	pull down
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asnB	yjjI	pull down
dam	yjjI	pull down

atpH	yjjK	pull down
psuG	yjjK	pull down
rpoE	yjjK	pull down
yagI	yjjK	pull down
ybbN	yjjK	pull down
ykgD	yjjK	pull down

yhaK	ykfA	pull down
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aes	yncE	pull down
lplA	yncE	pull down
rluC	yncE	pull down
rluC	yncE	pull down

ybgl	yqhD	blue native page
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fliY	yqjD	pull down
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mtfA	yqjI	pull down
yacl	yqjI	pull down

murD	yrfB	pull down
trxC	yrfB	pull down
ybeD	yrfB	pull down
yfeZ	yrfB	pull down

glnD	ytfM	pull down
priC	ytfM	pull down
nrde	ytfM	pull down
sgbE	ytfM	pull down
ydck	ytfM	pull down

nudF	ytfN	pull down
glgC	ytfN	pull down
mukE	ytfN	pull down
mdoG	ytfN	pull down
xerD	ytfN	pull down
ybbO	ytfN	pull down

spoT	yubM	pull down
eutJ	zapA	pull down
ybgI	zapA	pull down
ydbA	zapA	pull down

yiiS	zapB	pull down
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Publication 1st author	Publication Identifier	Taxid interactor A
Arifuzzaman et al. (2006)	16606699	Escherichia coli
Arifuzzaman et al. (2006)	16606699	Escherichia coli
Arifuzzaman et al. (2006)	16606699	Escherichia coli
Arifuzzaman et al. (2006)	16606699	Escherichia coli
Arifuzzaman et al. (2006)	16606699	Escherichia coli
Butland et al. (2005)	15690043	Escherichia coli
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Arifuzzaman et al. (2006)	16606699	Escherichia coli
Butland et al. (2005)	15690043	Escherichia coli

Arifuzzaman et al. (2006)	16606699 Escherichia coli
Muller et al. (2007)	17938168 Escherichia coli
Muller et al. (2007)	17938168 Escherichia coli
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Arifuzzaman et al. (2006)	16606699	Escherichia coli
Pan et al.	imex:IM-9154	Escherichia coli
Arifuzzaman et al. (2006)	16606699	Escherichia coli
Butland et al. (2005)	15690043	Escherichia coli
Lasserre et al. (2006)	16858726	Escherichia coli
Arifuzzaman et al. (2006)	16606699	Escherichia coli
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Kumar et al. (2004)	15004283	Escherichia coli
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Huang et al. (2006)	17137328	Escherichia coli
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Price et al. (2010)	20706981 Escherichia coli O9:H4
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Arifuzzaman et al. (2006)	16606699 Escherichia coli
Pan et al.	imex:IM-9154 Escherichia coli
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Kumar et al. (2004)	15004283	Escherichia coli
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Lasserre et al. (2006)	16858726	Escherichia coli
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Gully et al. (2006)	16294310	Escherichia coli
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Lasserre et al. (2006)	16858726	Escherichia coli
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Arifuzzaman et al. (2006)	16606699	Escherichia coli
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Taxid interactor B	Interaction type	Source database	Interaction identifier
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Escherichia coli	association	intact	EBI-1145252
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Escherichia coli	association	intact	EBI-890206
Escherichia coli	physical association	intact	EBI-882574
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Escherichia coli	association	intact	EBI-879643
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Escherichia coli	association	intact	EBI-1147473
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Escherichia coli	association	intact	EBI-894882
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Escherichia coli	association	intact	EBI-893751
Escherichia coli	association	intact	EBI-889421

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