

Locus Id	NCBI Accession number	NCBI gi number	Gene description	Has HCR phenotype
HNEAP_RS01030	WP_012823110.1	502585319	DabA2	TRUE
HNEAP_RS01035	WP_012823111.1	502585320	DabB2	TRUE
HNEAP_RS01040	WP_012823112.1	502585321	LysR	TRUE
HNEAP_RS04565	WP_012823782.1	502586009	Csos1D	FALSE
HNEAP_RS04570	WP_012823783.1	502586011	unk.	FALSE
HNEAP_RS04575	WP_012823784.1	502586012	CbbQ	FALSE
HNEAP_RS04580	WP_012823785.1	502586013	p-II	FALSE
HNEAP_RS04585	WP_012823786.1	502586014	DabA1	TRUE
HNEAP_RS04590	WP_012823787.1	502586015	unk.	FALSE
HNEAP_RS04595	WP_012823788.1	502586016	DabB1	TRUE
HNEAP_RS04600	WP_012823789.1	502586017	CbbO	FALSE
HNEAP_RS04605	WP_041600361.1	753844744	unk.	FALSE
HNEAP_RS04610	WP_049772467.1	908628434	ParA	FALSE
HNEAP_RS04615	WP_012823792.1	502586020	acRAF	TRUE
HNEAP_RS04620	WP_012823793.1	502586021	Csos1B	TRUE
HNEAP_RS04625	WP_012823794.1	502586022	Csos1A	TRUE
HNEAP_RS04630	WP_012823795.1	502586023	Csos1C	TRUE
HNEAP_RS04635	WP_012823796.1	502586024	Csos4B	TRUE
HNEAP_RS04640	WP_012823797.1	502586025	Csos4A	TRUE
HNEAP_RS04645	WP_012823798.1	502586026	CsosCA	TRUE
HNEAP_RS04650	WP_081441107.1	1174219926	Csos2	TRUE
HNEAP_RS04655	WP_012823800.1	502586028	CbbS	TRUE
HNEAP_RS04660	WP_012823801.1	502586029	CbbL	TRUE
HNEAP_RS05490	WP_012823963.1	502586200	LysR	TRUE
HNEAP_RS07320	WP_081441122.1	1174219941	Crp/Fnr	TRUE