

GeneID	PFAM ID	Short Description
Unclustered		
AS9422	106/1370	3-oxoacyl carrier protein reductase
AS10819	106/3435/1370/8659	short chain dehydrogenase, sacchoripine dehydrogenase, epimerase, KR
Cluster 1		
AS5894	7690	MFS efflux pump
AS5895	106/1370	short chain dehydrogenase reductase
AS5896	107	2-alkenol reductase
AS5898	83/7690	MFS maltose permease
AS5899	-	NO Homology
Cluster 2		
AS8804	1370	Cinnamoyl-CoA reductase
AS8805	1738	Dienolcatone hydrolase
Cluster 3		
AS7856	8240/107	alcohol dehydrogenase, KR, sorbitol dehydrogenase
AS7857	106/8659/1370	Short chain dehydrogenase, epimerase
AS7858	5153	inositol oxygenase
Cluster 4		
AS47	1370	epimerase
AS48	1370/7993	epimerase/KR
AS49	4909	amidohydrolase
Cluster 5		
AS2093	1522	polysaccharide deacetylase
AS2094	107/106	zinc binding dehydrogenase/short chain
AS2095	1370/5368	epimerase/NmrA/hscarg dehydrogenase
Cluster 6		
AS7950	171	succinate-semialdehyde dehydrogenase
AS7951	106/1370	short chain dehydrogenase/epimerase
Cluster 7		
AS2076	-	zinc finger
AS2077	-	ketoreductase
AS2078	1370/7993/4082	fungal TF
Cluster 8		
AS10496	8659/106/3435	carbonyl reductase
AS10497	-	KR/saccharopine dehydrogenase
AS10498	1370/7993	hypothetical