Genes gained in OVER1 MF TreeMap

myristoyl–CoA hydrolase activity	metalloendopeptidase activity	calcium–dependent protein serine/threonine kinase activity	DNA polymerase binding	SH3 domain binding		eurotrophin eptor binding	manganese ion binding
				eceptor substrate bindin substrate binding	g epidermal growth factor		
		N_acyltransferase it peptide) bonds activity	R–SMAD binding		receptor binding		
hydrolase activity, acpainitoyl–CoA hydrolase activity	cting on carbon–nitrogen (but no			transmembrane receptor protein tyrosine kinase adaptor activity	ephrin red	eptor binding	metal ion binding transition metal ion binding
calmodulin-dependent protein kinase activity	hydrolase activity, acting on carbon–nitrogen (but not peptide) bonds	monooxygenase activity	RNA 7-methylguanosine cap binding	heme bindi yme activator activity	ng	enzyme activator activity	iron ion binding
	carboxylic ester hydrolase activity	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen	translation initiation factor activity	signaling adaptor activity		protein tyrosine kinase activator activity	transition metal ion binding