

GEPHE SUMMARY

Gephebase Gene		GepheID
Fgfr1a1 (https://www.gephebase.org/search-criteria?/and+Gene+Gephebase=~Fgfr1a1~#gephebase-summary-title)		GP00000312
Entry Status		Main curator
Published		Martin

PHENOTYPIC CHANGE

Trait Category			
Morphology (https://www.gephebase.org/search-criteria?/and+Trait+Category=~Morphology~#gephebase-summary-title)		Trait	
Scales (loss) (https://www.gephebase.org/search-criteria?/and+Trait=~Scales+loss~#gephebase-summary-title)		Trait State in Taxon A	
Cyprinus carpio - scaled		Trait State in Taxon B	
Cyprinus carpio - "Mirror phenotype"		Ancestral State	
Taxon A		Taxonomic Status	
Domesticated (https://www.gephebase.org/search-criteria?/and+Taxonomic+Status=~Domesticated~#gephebase-summary-title)			
Taxon A		Taxon B	
Latin Name		Latin Name	
Cyprinus carpio (https://www.gephebase.org/search-criteria?/and+Taxon+and+Synonyms=~Cyprinus+carpio~#gephebase-summary-title)		Cyprinus carpio (https://www.gephebase.org/search-criteria?/and+Taxon+and+Synonyms=~Cyprinus+carpio~#gephebase-summary-title)	
Common Name		Common Name	
common carp		common carp	
Synonyms		Synonyms	
common carp; carp; fancy carp; koi; mirror carp; Cyprinus carpio Linnaeus, 1758; Cyprinus cyprio; Cyprinus carpio		common carp; carp; fancy carp; koi; mirror carp; Cyprinus carpio Linnaeus, 1758; Cyprinus cyprio; Cyprinus carpio	
Rank		Rank	
species		species	
Lineage		Lineage	
cellular organisms; Eukaryota; Opisthokonta; Metazoa; Eumetazoa; Bilateria; Deuterostomia; Chordata; Craniata; Vertebrata; Gnathostomata; Teleostomi; Euteleostomi; Actinopterygii; Actinopteri; Neopterygii; Teleostei; Osteoglossocephalai; Clupeocephala; Otomorpha; Ostariophysi; Otophysi; Cypriniphysae; Cypriniformes; Cyprinoidea; Cyprinidae; Cyprinus		cellular organisms; Eukaryota; Opisthokonta; Metazoa; Eumetazoa; Bilateria; Deuterostomia; Chordata; Craniata; Vertebrata; Gnathostomata; Teleostomi; Euteleostomi; Actinopterygii; Actinopteri; Neopterygii; Teleostei; Osteoglossocephalai; Clupeocephala; Otomorpha; Ostariophysi; Otophysi; Cypriniphysae; Cypriniformes; Cyprinoidea; Cyprinidae; Cyprinus	
Parent		Parent	
Cyprinus () - (Rank: genus) (https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=7961)		Cyprinus () - (Rank: genus) (https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=7961)	
NCBI Taxonomy ID		NCBI Taxonomy ID	
7962 (https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=7962)		7962 (https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=7962)	
is Taxon A an Intraspecies?		is Taxon B an Intraspecies?	
No		No	

GENOTYPIC CHANGE

Generic Gene Name		UniProtKB Danio rerio	
fgfr1a		Q90Z00 (http://www.uniprot.org/uniprot/Q90Z00)	
Synonyms		GenebankID or UniProtKB	
cb231; fgfr1; FGFR-1-A; sb:cb231; bFGF-R-1-A; si:ch211-198o12.1		ACJ66723 (https://www.ncbi.nlm.nih.gov/nucleotide/ACJ66723)	
String			
7955.ENS DARP00000069260 (http://string-db.org/newstring.cgi/show_network_section.pl?identifier=7955.ENS DARP00000069260)			
Sequence Similarities			
Belongs to the protein kinase superfamily. Tyr protein kinase family. Fibroblast growth factor receptor subfamily.			
GO - Molecular Function			
GO:0004888 : transmembrane signaling receptor activity (https://www.ebi.ac.uk/QuickGO/term/GO:0004888)			
GO:0005524 : ATP binding (https://www.ebi.ac.uk/QuickGO/term/GO:0005524)			
GO:0008201 : heparin binding (https://www.ebi.ac.uk/QuickGO/term/GO:0008201)			
GO:0004714 : transmembrane receptor protein tyrosine kinase activity			

RELATED GEPHE

No matches found.

Related Genes

Related Haplotypes

1 ([#gephebase-summary-title](https://www.gephebase.org/search-criteria?/or+Gene+Gephebase=))

EXTERNAL LINKS

COMMENTS