

GEPHE SUMMARY

CYP6B1 ( <a href="https://www.gephebase.org/search-criteria?/and+Gene">https://www.gephebase.org/search-criteria?/and+Gene</a> Gephebase="CYP6B1"#gephebase-summary-title)	Gephebase Gene	GP00000205	GepheID
Published	Entry Status	Martin	Main curator

PHENOTYPIC CHANGE

Trait #1	Trait Category
Physiology ( <a href="https://www.gephebase.org/search-criteria?/and+Trait">https://www.gephebase.org/search-criteria?/and+Trait</a> Category="Physiology"#gephebase-summary-title)	Trait
Xenobiotic resistance ( <a href="https://www.gephebase.org/search-criteria?/and+Trait=" resistance"#gephebase-summary-title"="" xenobiotic="">https://www.gephebase.org/search-criteria?/and+Trait="Xenobiotic resistance"#gephebase-summary-title</a> )	Trait State in Taxon A
Other butterflies	Trait State in Taxon B
Papilio polyxenes	

Trait #2	Trait Category
Physiology ( <a href="https://www.gephebase.org/search-criteria?/and+Trait">https://www.gephebase.org/search-criteria?/and+Trait</a> Category="Physiology"#gephebase-summary-title)	Trait
Host plant specialization ( <a host="" href="https://www.gephebase.org/search-criteria?/and+Trait=" plant="" specialization"#gephebase-summary-title"="">https://www.gephebase.org/search-criteria?/and+Trait="Host plant specialization"#gephebase-summary-title</a> )	Trait State in Taxon A
-	Trait State in Taxon B
-	

	Ancestral State		
Data not curated	Taxonomic Status		
Interspecific ( <a href="https://www.gephebase.org/search-criteria?/and+Taxonomic">https://www.gephebase.org/search-criteria?/and+Taxonomic</a> Status="Interspecific"#gephebase-summary-title)			
	Taxon A	Taxon B	
	Latin Name	Latin Name	
	Nymphalidae ( <a href="https://www.gephebase.org/search-criteria?/and+Taxon">https://www.gephebase.org/search-criteria?/and+Taxon</a> Synonyms="Nymphalidae"#gephebase-summary-title)	Papilio polyxenes ( <a href="https://www.gephebase.org/search-criteria?/and+Taxon">https://www.gephebase.org/search-criteria?/and+Taxon</a> and Synonyms="Papilio polyxenes"#gephebase-summary-title)	
	Common Name	Common Name	
	brushfoots	black swallowtail	
	Synonyms	Synonyms	
	brushfoots; brush-footed butterflies	black swallowtail; American swallowtail; eastern black swallowtail; Papilio polyxenes Fabricius, 1775	
	Rank	Rank	
	family	species	
	Lineage	Lineage	
	cellular organisms; Eukaryota; Opisthokonta; Metazoa; Eumetazoa; Bilateria; Protostomia; Ecdysozoa; Panarthropoda; Arthropoda; Mandibulata; Pancrustacea; Hexapoda; Insecta; Dicondylia; Pterygota; Neoptera; Holometabola; Amphiesmenoptera; Lepidoptera; Glossata; Neolepidoptera; Heteroneura; Ditrysia; Obtectomera; Papilionoidea	cellular organisms; Eukaryota; Opisthokonta; Metazoa; Eumetazoa; Bilateria; Protostomia; Ecdysozoa; Panarthropoda; Arthropoda; Mandibulata; Pancrustacea; Hexapoda; Insecta; Dicondylia; Pterygota; Neoptera; Holometabola; Amphiesmenoptera; Lepidoptera; Glossata; Neolepidoptera; Heteroneura; Ditrysia; Obtectomera; Papilionoidea; Papilionidae; Papilioninae; Papilionini; Papilio	
	Parent	Parent	
	Papilionoidea (butterflies) - (Rank: superfamily) ( <a href="https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=37572">https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=37572</a> )	Papilio () - (Rank: genus) ( <a href="https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=7145">https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=7145</a> )	
	NCBI Taxonomy ID	NCBI Taxonomy ID	
	33415 ( <a href="https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=33415">https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=33415</a> )	7146 ( <a href="https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=7146">https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=7146</a> )	
	is Taxon A an Intraspecies?	is Taxon B an Intraspecies?	
	No	No	

GENOTYPIC CHANGE



