

Molecules belonging to crustaceans and / or molluscs from the database of the World Health Organization and International Union of Immunological Societies (WHO/IUIS) Allergen Nomenclature Sub-committee

Species	Common Name	Allergen	Biochemical name	MW
<i>Archaeopotamobius sibiricus</i>	Crayfish	Arc s 8	Triosephosphate isomerase	~28 kDa
<i>Callinectes bellicosus</i>	Warrior swimming brown crab	Cal b 2	Arginine kinase	40 kDa
<i>Charybdis feriatus</i>	Crab	Cha f 1	Tropomyosin	34 kDa
<i>Crangon crangon</i>	North Sea shrimp	Cra c 1	Tropomyosin	~38 kDa
		Cra c 2	Arginine kinase	~45 kDa
		Cra c 4	Sarcoplasmic calcium-binding protein	~25 kDa
		Cra c 5	Myosin, light chain 1	~17.5 kDa
		Cra c 6	Troponin C	~21 kDa
		Cra c 8	Triosephosphate isomerase	~28 kDa
<i>Eriocheir sinensis</i>	Chinese mitten crab	Eri s 2	ovary development-related protein	28.2 kDa
<i>Exopalaemon modestus</i>	White legged freshwater shrimp	Exo m 1	Tropomyosin	38 kDa
<i>Homarus americanus</i>	American lobster	Hom a 1	Tropomyosin	34 kDa
		Hom a 3	Myosin light chain 2	~23 kDa
		Hom a 6	Troponin C	~20 kDa
<i>Litopenaeus vannamei</i>	White shrimp	Lit v 1	Tropomyosin	36 kDa
		Lit v 2	Arginine kinase	40 kDa
		Lit v 3	Myosin, light chain 2	20 kDa
		Lit v 4	Sarcoplasmic calcium-binding protein	20 kDa
		Lit v 13	Fatty Acid Binding Protein; FABP	15 kDa
<i>Macrobrachium rosenbergii</i>	giant freshwater prawn	Mac r 1	Tropomyosin	37 kDa
		Mac r 2	Arginine Kinase	40 kDa
<i>Melicertus latisulcatus</i>	King prawn	Mel l 1	Tropomyosin	38 kDa
<i>Metapenaeus ensis</i>	Shrimp	Met e 1	Tropomyosin	34 kDa
<i>Pandalus borealis</i>	Northern shrimp	Pan b 1	Tropomyosin	37 kDa
<i>Panulirus stimpsoni</i>	Spiny lobster	Pan s 1	Tropomyosin	34 kDa
<i>Penaeus aztecus</i>	Brown shrimp	Pen a 1	Tropomyosin	36 kDa
<i>Penaeus indicus</i>	Shrimp	Pen i 1	Tropomyosin	34 kDa
<i>Pontastacus leptodactylus</i>	Narrow-clawed crayfish	Pon l 4	Sarcoplasmic calcium-binding protein	~24 kDa
		Pon l 7	Troponin I	~30 kDa

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<i>Penaeus monodon</i>	Black tiger shrimp	Pen m 1	Tropomyosin	38 kDa
		Pen m 2	Arginine kinase	40 kDa
		Pen m 3	Myosin light chain 2	20 kDa
		Pen m 4	Sarcoplasmic calcium binding protein	20 kDa
		Pen m 6	Troponin C	16.8 kDa
		Pen m 7	Hemocyanin	76 kDa
		Pen m 8	Triosephosphate Isomerase	27 kDa
		Pen m 13	Fatty Acid Binding Protein	20 kDa
		Pen m 14	Glycogen phosphorylase-like protein	95 kDa
<i>Portunus pelagicus</i>	Blue swimmer crab	Por p 1	Tropomyosin	39 kDa
<i>Procambarus clarkii</i>	Red swamp crayfish	Pro c 1	Tropomyosin	36 kDa
		Pro c 2	Arginine kinase	40 kDa
		Pro c 5	Myosin light chain 1	18 kDa
		Pro c 8	Triosephosphate isomerase	28 kDa
<i>Scylla paramamosain</i>	Mud crab	Scy p 1	Tropomyosin	38 kDa
		Scy p 2	Arginine kinase	40 kDa
		Scy p 3	Myosin light chain	18 kDa
		Scy p 4	Sarcoplasmic Ca+ binding protein	20 kDa
		Scy p 8	Triosephosphate isomerase	28 kDa
		Scy p 9	Filamin C	90 kDa
<b>Animalia Mollusca</b>				
<i>Crassostrea angulata</i>	Pacific oyster	Cra a 2	Arginine kinase	20 kDa
		Cra a 4	Sarcoplasmic calcium binding protein	20 kDa
<i>Crassostrea gigas</i>	Pacific oyster	Cra g 1	Tropomyosin	38 kDa
<i>Haliotis laevigata x Haliotis rubra</i>	Jade tiger abalone	Hal l 1	Tropomyosin	33.4 kDa
<i>Haliotis midae</i>	Perlemoen abalone	Hal m 1	Unknown	49 kDa
<i>Helix aspersa [Cornu aspersum]</i>	Brown garden snail	Hel as 1	Tropomyosin	36 kDa
<i>Rapana venosa</i>	Veined rapa whelk	Rap v 2	Paramyosin	99 kDa
<i>Saccostrea glomerata</i>	Sydney rock oyster	Sac g 1	Tropomyosin	38 kDa
<i>Todarodes pacificus</i>	Japanese flying squid	Tod p 1	Tropomyosin	38 kDa

MW: Molecular weight