AllerGenius - The extended IgE profile expert system

NPC2

Components in ALEX

	NPC2
Der p 2	http://www.allergenius.it/doc/derf2.pdf
Der f 2	http://www.allergenius.it/doc/derp2.pdf
Lep d 2	http://www.allergenius.it/doc/lepd2.pdf

a	npc2.pdf
Aca s 2	Acarus siro
Ale o 2	Aleuroglyphus ovatus
Blo t 2	Blomia tropicalis
Can f 7	Canis familiaris
Der f 2	Dermatophagoides farinae
Eur m 2	Euroglyphus maynei
Gly d 2	Glycyphagus domesticus
Ixo r 2	Ixodes ricinus
Lep d 2	Lepidoglyphus destructor
Pso o 2	Psoroptes ovis
Sui m 2	Suidasia medanensis
Tyr p 2	Tyrophagus putrescentiae

The protein had a signal peptide of 17 amino acids. Its secondary structure comprised an alpha helix (19.86%), an extended strand (30.82%), and a random coil (49.32%). The NPC2 gene encodes a protein that is located inside lysosomes The NPC2 protein binds) to cholesterol and plays a role in moving cholesterol and certain other lipids out of the lysosomes to other parts of the cell (from https://ghr.nlm.nih.gov/gene/NPC2). NPC2 is one of the major allergens of mites. (Automatic translation. Thanks for reporting errors to info@allergenius.it).