

1. Toxicity prediction along with all the important physico-chemical properties like hydrophobicity, charge pl etc. of peptides

Peptide ID	Peptide Sequence	SVM Score	Prediction	Hydrophobicity	Steric hindrance	Sidebulk	Hydropathicity	Amphipathicity	Hydrophilicity	Net Hydrogen	Charge	pI	Mol wt
1	LTDEMIQY	-0.52	Non-Toxin	-0.05	0.65	0.65	-0.06	0.28	-0.21	0.67	-2.00	3.67	1083.35
2	WTAGAAAYY	-1.07	Non-Toxin	0.15	0.58	0.58	0.29	0.00	-1.16	0.44	0.00	5.87	973.16
3	WMESEFRVY	-1.68	Non-Toxin	-0.16	0.66	0.66	-0.62	0.55	-0.19	1.00	-1.00	4.54	1246.52
4	FVSNQTHWF	-0.92	Non-Toxin	0.09	0.57	0.57	0.03	0.16	-1.14	0.67	0.50	7.10	1094.32
5	IRASANLAA	-0.80	Non-Toxin	-0.04	0.59	0.59	0.74	0.27	-0.23	0.78	1.00	10.11	886.13
6	FGAISSVLN	-0.80	Non-Toxin	0.18	0.63	0.63	1.29	0.00	-0.81	0.44	0.00	5.88	907.16
7	VKQLSSNFG	-0.89	Non-Toxin	-0.12	0.64	0.64	-0.23	0.55	-0.20	0.89	1.00	9.11	979.23
8	FAMQMAYRF	-1.23	Non-Toxin	-0.02	0.67	0.67	0.41	0.41	-0.86	0.78	1.00	9.10	1164.52
9	FGAGAALQ	-0.46	Non-Toxin	0.19	0.60	0.60	0.96	0.16	-0.70	0.25	0.00	5.88	733.93
10	LTPGDSSSGWTAG	-0.78	Non-Toxin	-0.02	0.57	0.57	-0.42	0.00	-0.20	0.54	-1.00	3.80	1235.45
11	YGFQPTNGVGYQ	-1.24	Non-Toxin	-0.05	0.65	0.65	-0.80	0.21	-0.70	0.75	0.00	5.87	1330.60
12	VITPGTNTSN	-1.32	Non-Toxin	-0.07	0.61	0.61	-0.32	0.00	-0.38	0.80	0.00	5.88	1003.22
13	QTQTNSPRRARS	-1.22	Non-Toxin	-0.67	0.60	0.60	-2.23	0.82	0.74	1.83	3.00	12.31	1401.66

2. AlgPred Prediction: **NON ALLERGEN**, Prediction based on SVM method based on dipeptide composition : **NON ALLERGEN**, Blast RESULT: **NON ALLERGEN**
 Prediction by Hybrid Approach: **NON ALLERGEN**, MAST Result: **NON ALLERGEN**, Over All Allergenic Result: **NON ALLERGEN**.