

Supplementary Table S1 Physical and chemical properties of MdSKP1-like protein in apple

Name	Gene accession No.	Size / aa	Molecular weight / D	Isoelectric point	Formula	Instability index	Aliphatic index	Grand average of hydropathicity	Hydrophobicity
<i>MdSKP1-Like 1</i>	MDP0000193231	108	12147	4.62	C ₅₃₀ H ₈₃₁ N ₁₄₅ O ₁₆₈ S ₇	34.73	85.65	-0.313	Hydrophobicity
<i>MdSKP1-Like 2</i>	MDP0000278773	356	41130	5.21	C ₁₇₇₆ H ₂₈₅₇ N ₅₁₁ O ₅₇₀ S ₂₀	55.94	76.46	-0.782	Hydrophobicity
<i>MdSKP1-Like 3</i>	MDP0000263930	145	16443	4.99	C ₇₃₇ H ₁₁₈₈ N ₁₈₈ O ₂₂₃ S ₆	40.82	110.14	-0.019	Hydrophobicity
<i>MdSKP1-Like 4</i>	MDP0000282839	355	40542	5.66	C ₁₇₄₂ H ₂₈₅₂ N ₅₁₈ O ₅₆₅ S ₁₄	56.98	79.66	-0.824	Hydrophobicity
<i>MdSKP1-Like 5</i>	MDP0000924440	156	17728	4.54	C ₇₇₇ H ₁₂₃₆ N ₂₀₂ O ₂₅₈ S ₆	50.05	84.42	-0.536	Hydrophobicity
<i>MdSKP1-Like 6</i>	MDP0000177274	155	17525	5.09	C ₇₆₃ H ₁₂₃₅ N ₂₀₃ O ₂₃₉ S ₁₄	45.52	87.48	-0.264	Hydrophobicity
<i>MdSKP1-Like 7</i>	MDP0000273940	165	18687	4.52	C ₈₁₃ H ₁₂₉₄ N ₂₁₆ O ₂₇₁ S ₈	39.15	81.58	-0.536	Hydrophobicity
<i>MdSKP1-Like 8</i>	MDP0000306021	156	17769	4.61	C ₇₇₉ H ₁₂₄₃ N ₂₀₅ O ₂₅₄ S ₇	41.98	84.42	-0.481	Hydrophobicity
<i>MdSKP1-Like 9</i>	MDP0000656961	135	15545	4.75	C ₆₈₄ H ₁₀₈₉ N ₁₈₁ O ₂₁₅ S ₈	37.34	90.37	-0.421	Hydrophobicity
<i>MdSKP1-Like10</i>	MDP0000150245	190	21887	4.38	C ₉₅₀ H ₁₄₈₉ N ₂₄₉ O ₃₂₇ S ₈	43.28	70.74	-0.729	Hydrophobicity
<i>MdSKP1-Like11</i>	MDP0000505840	163	18482	4.63	C ₈₀₈ H ₁₂₉₀ N ₂₁₄ O ₂₆₆ S ₇	42.25	83.80	-0.540	Hydrophobicity
<i>MdSKP1-Like12</i>	MDP0000135806	160	18008	4.58	C ₇₈₁ H ₁₂₅₂ N ₂₀₆ O ₂₆₀ S ₁₀	30.86	79.38	-0.517	Hydrophobicity
<i>MdSKP1-Like13</i>	MDP0000549178	161	18142	4.67	C ₇₈₈ H ₁₂₅₉ N ₂₀₉ O ₂₆₀ S ₁₀	38.93	78.26	-0.497	Hydrophobicity
<i>MdSKP1-Like14</i>	MDP0000190030	207	23297	4.61	C ₁₀₁₄ H ₁₆₀₁ N ₂₇₃ O ₃₄₃ S ₆	37.82	76.33	-0.587	Hydrophobicity
<i>MdSKP1-Like15</i>	MDP0000278340	156	17777	4.57	C ₇₈₁ H ₁₂₄₃ N ₂₀₅ O ₂₅₅ S ₆	42.87	84.42	-0.521	Hydrophobicity

<i>MdSKP1-Like16</i>	MDP0000255887	155	17529	4.27	C ₇₇₀ H ₁₂₁₉ N ₁₉₅ O ₂₅₆ S ₇	54.29	93.16	-0.259	Hydropathicity
<i>MdSKP1-Like17</i>	MDP0000273484	156	17728	4.6	C ₇₈₀ H ₁₂₄₄ N ₂₀₀ O ₂₅₇ S ₆	46.18	84.42	-0.534	Hydropathicity
