

Table S1 All *HuNAC* genes identified from the pitaya genome

Chromosome	Rename	Gene ID	Protein length (aa)	Molecular weight (kDa)	Theoretical PI	Hydrophilicity index
Chromosome 1	<i>HuNAC1</i>	HU01G00060.1	353	40.16	5.11	-0.724
	<i>HuNAC2</i>	HU01G00420.1	306	35.05	8.71	-0.656
	<i>HuNAC3</i>	HU01G01336.1	279	30.95	8.65	-0.525
	<i>HuNAC4</i>	HU01G01551.1	214	24.80	9.25	-0.848
	<i>HuNAC5</i>	HU01G01910.1	355	39.45	9.06	-0.694
	<i>HuNAC6</i>	HU01G01912.1	191	22.00	9.56	-0.613
	<i>HuNAC7</i>	HU01G02030.1	315	36.03	6.37	-0.796
	<i>HuNAC8</i>	HU01G02105.1	323	36.44	6.33	-0.611
	<i>HuNAC9</i>	HU01G02216.1	244	28.07	6.67	-0.798
	<i>HuNAC10</i>	HU01G02747.1	155	18.12	9.73	-0.652
Chromosome 2	<i>HuNAC11</i>	HU02G00016.1	270	30.33	7.60	-0.784
	<i>HuNAC12</i>	HU02G00325.1	417	47.10	5.41	-0.611
	<i>HuNAC13</i>	HU02G00350.1	285	32.94	8.90	-0.847
	<i>HuNAC14</i>	HU02G01957.1	174	20.63	8.35	-0.656
	<i>HuNAC15</i>	HU02G03060.1	344	38.24	8.66	-0.670
Chromosome 3	<i>HuNAC16</i>	HU03G00363.1	300	34.23	5.42	-0.688
	<i>HuNAC17</i>	HU03G00832.1	571	63.93	4.82	-0.496
	<i>HuNAC18</i>	HU03G00963.1	243	27.71	5.46	-0.696
	<i>HuNAC19</i>	HU03G00965.1	612	69.35	5.44	-0.629
	<i>HuNAC20</i>	HU03G01381.1	296	33.74	7.69	-0.717
	<i>HuNAC21</i>	HU03G01415.1	305	34.57	4.78	-0.490
	<i>HuNAC22</i>	HU03G01419.1	339	38.30	4.90	-0.592
	<i>HuNAC23</i>	HU03G02275.1	338	38.46	6.85	-0.921
Chromosome 4	<i>HuNAC24</i>	HU04G00486.1	322	36.66	5.57	-0.684
	<i>HuNAC25</i>	HU04G01001.1	296	33.65	6.26	-0.692

	<i>HuNAC26</i>	HU04G01141.1	332	37.76	8.84	-0.717
	<i>HuNAC27</i>	HU04G01162.1	315	35.26	7.55	-0.659
	<i>HuNAC28</i>	HU04G01575.1	363	40.04	6.08	-0.553
	<i>HuNAC29</i>	HU04G01653.1	656	72.34	5.07	-0.620
	<i>HuNAC30</i>	HU04G01686.1	684	75.87	5.33	-0.557
	<i>HuNAC31</i>	HU04G01838.1	296	33.65	6.26	-0.692
Chromosome 5	<i>HuNAC32</i>	HU05G00302.1	329	37.15	5.71	-0.624
	<i>HuNAC33</i>	HU05G00497.1	368	42.23	6.59	-0.837
	<i>HuNAC34</i>	HU05G00603.1	344	37.76	8.11	-0.492
	<i>HuNAC35</i>	HU05G00958.1	494	55.25	6.73	-0.877
	<i>HuNAC36</i>	HU05G01179.1	312	35.49	5.86	-0.610
	<i>HuNAC37</i>	HU05G01191.1	391	43.96	8.54	-0.500
	<i>HuNAC38</i>	HU05G02103.1	366	41.73	5.27	-0.793
Chromosome 6	<i>HuNAC39</i>	HU06G00112.1	375	42.70	5.36	-0.783
	<i>HuNAC40</i>	HU06G01181.1	325	36.93	5.42	-0.624
	<i>HuNAC41</i>	HU06G01682.1	454	51.25	8.90	-0.627
Chromosome 7	<i>HuNAC42</i>	HU07G00181.1	353	40.07	6.39	-0.682
	<i>HuNAC43</i>	HU07G00186.1	350	39.81	6.39	-0.704
	<i>HuNAC44</i>	HU07G00263.1	319	36.96	5.38	-0.897
	<i>HuNAC45</i>	HU07G00854.1	302	34.53	6.76	-0.663
	<i>HuNAC46</i>	HU07G02058.1	282	31.46	7.08	-0.565
Chromosome 8	<i>HuNAC47</i>	HU08G00445.1	361	40.18	9.13	-0.618
	<i>HuNAC48</i>	HU08G00521.1	344	37.76	8.11	-0.492
	<i>HuNAC49</i>	HU08G00888.1	403	45.02	5.66	-0.691
	<i>HuNAC50</i>	HU08G01013.1	244	27.78	5.43	-0.725
	<i>HuNAC51</i>	HU08G01016.1	573	64.65	5.43	-0.725
	<i>HuNAC52</i>	HU08G01430.1	341	37.86	5.08	-0.540
	<i>HuNAC53</i>	HU08G02126.1	327	36.25	8.94	-0.588

	<i>HuNAC54</i>	HU08G02135.1	327	36.25	8.94	-0.588
Chromosome 9	<i>HuNAC55</i>	HU09G00056.1	154	17.95	9.19	-0.553
	<i>HuNAC56</i>	HU09G00230.1	393	44.19	6.81	-0.566
	<i>HuNAC57</i>	HU09G00238.1	289	32.24	5.89	-0.716
	<i>HuNAC58</i>	HU09G01575.1	328	36.17	8.89	-0.716
Chromosome 10	<i>HuNAC59</i>	HU10G00023.1	272	30.34	8.37	-0.656
	<i>HuNAC60</i>	HU10G00380.1	281	32.34	8.54	-0.741
	<i>HuNAC61</i>	HU10G01741.1	347	38.70	8.36	-0.627
Chromosome 11	<i>HuNAC62</i>	HU11G01180.1	299	34.19	6.67	-0.723
	<i>HuNAC63</i>	HU11G01542.1	331	38.33	5.95	-0.798
	<i>HuNAC64</i>	HU11G01605.1	377	42.84	5.67	-0.753