

附表 1 14 个荷花 *GH3* 基因家族基因蛋白质理化性质预测Annexed table 1 14 *Nelumbo nucifera GH3* family genes were identified and protein properties predicted

基因名称 Gene name	基因ID号 Gene identifier	氨基酸数目 Amino acid amounts	分子量 /Molecular weight(kDa)	等电点 (pI) /Theoretical isoelectric point (pI)	不稳定指数 Instability Index	脂溶性指数 Aliphatic Index	亲水性总平 均值 /(GRAVY)	亚细胞定位/Subcelluar Localization
<i>NnGH3.1</i>	Nn1g01814.2	586	65.98921	5.28	40.44	93.12	-0.157	细胞核 nucleus
<i>NnGH3.2</i>	Nn1g03776.1	621	70.29635	5.83	44.35	88.65	-0.245	细胞核 nucleus
<i>NnGH3.3</i>	Nn1g03969.3	590	66.77626	6.27	42.94	89.71	-0.19	细胞核 nucleus
<i>NnGH3.4</i>	Nn1g04653.2	599	67.91856	5.87	43.37	85.91	-0.260	细胞核 nucleus
<i>NnGH3.5</i>	Nn1g06683.3	595	67.40697	6.42	41.94	87.31	-0.224	细胞核 nucleus
<i>NnGH3.6</i>	Nn1g06894.2	616	69.50736	6.26	44.30	86.36	-0.276	细胞核 nucleus
<i>NnGH3.7</i>	Nn3g16244.1	630	71.609.12	5.02	46.38	83.67	-0.384	细胞核 nucleus
<i>NnGH3.8</i>	Nn3g19075.2	587	66.33772	5.80	40.27	86.85	-0.224	细胞核 nucleus
<i>NnGH3.9</i>	Nn4g22107.1	615	69.73040	5.20	44.51	84.75	-0.304	细胞核 nucleus
<i>NnGH3.10</i>	Nn4g25867.1	603	68.08240	6.26	40.80	89.39	-0.161	细胞质 cytosol
<i>NnGH3.11</i>	Nn4g26117.1	579	64.46394	5.36	47.20	87.88	-0.105	细胞质 cytosol
<i>NnGH3.12</i>	Nn5g29859.2	592	67.40381	5.92	45.89	85.79	-0.248	细胞核 nucleus
<i>NnGH3.13</i>	Nn5g30464.6	595	67.06662	6.14	42.78	86.50	-0.248	细胞质 cytosol
<i>NnGH3.14</i>	Nn7g36856.1	365	40.80063	6.39	32.53	84.16	-0.257	细胞质 cytosol