

Table S4 HSP60 proteins from four different species were used to construct a phylogenetic tree.

Specie	Transcript ID	Gene name
<i>Vigna unguiculata</i>	Vigun01g052500.1.p	<i>VuHSP60-1</i>
	Vigun01g242300.1.p	<i>VuHSP60-2</i>
	Vigun03g007100.1.p	<i>VuHSP60-3</i>
	Vigun03g090600.1.p	<i>VuHSP60-4</i>
	Vigun03g196200.1.p	<i>VuHSP60-5.1</i>
	Vigun03g196200.2.p	<i>VuHSP60-5.2</i>
	Vigun03g196200.3.p	<i>VuHSP60-5.3</i>
	Vigun04g171700.1.p	<i>VuHSP60-6</i>
	Vigun05g005000.1.p	<i>VuHSP60-7</i>
	Vigun05g208400.1.p	<i>VuHSP60-8</i>
	Vigun06g042300.1.p	<i>VuHSP60-9.1</i>
	Vigun06g042300.3.p	<i>VuHSP60-9.2</i>
	Vigun07g050000.1.p	<i>VuHSP60-10</i>
	Vigun07g166500.2.p	<i>VuHSP60-11.1</i>
	Vigun07g166500.4.p	<i>VuHSP60-11.2</i>
	Vigun07g166500.5.p	<i>VuHSP60-11.3</i>
	Vigun07g166500.7.p	<i>VuHSP60-11.4</i>
	Vigun07g185200.1.p	<i>VuHSP60-12</i>
	Vigun08g177100.1.p	<i>VuHSP60-13</i>
	Vigun10g173100.1.p	<i>VuHSP60-14.1</i>
	Vigun10g173100.2.p	<i>VuHSP60-14.2</i>
	Vigun11g107100.2.p	<i>VuHSP60-15</i>
	Vigun11g128900.1.p	<i>VuHSP60-16</i>
	Vigun11g139100.1.p	<i>VuHSP60-17</i>
	VigunL051601.1.p	<i>VuHSP60-18</i>
<i>Arabidopsis thaliana</i>	AT2G28000	<i>AtCpn60a1</i>
	AT5G18820	<i>AtCpn60a2</i>
	AT1G55490	<i>AtCpn60b1</i>
	AT3G13470	<i>AtCpn60b2</i>
	AT5G56500	<i>AtCpn60b3</i>
	AT1G26230	<i>AtCpn60b4</i>
	AT3G20050	<i>AtCCT1</i>
	AT5G20890	<i>AtCCT2</i>
	AT5G26360	<i>AtCCT3</i>
	AT3G18190	<i>AtCCT4</i>
	AT1G24510	<i>AtCCT5</i>
	AT3G02530	<i>AtCCT6A</i>
	AT5G16070	<i>AtCCT6B</i>
	AT3G11830	<i>AtCCT7</i>
	AT3G03960	<i>AtCCT8</i>
	AT3G14270	<i>AtFAB1B</i>
	AT1G71010	<i>AtFAB1C</i>
	AT1G34260	<i>AtFAB1D</i>
	AT3G13860	<i>AtHSP60-3A</i>
	AT3G23990	<i>AtHSP60-3B</i>
	AT2G33210	<i>AtHSP60-2</i>
<i>Oryza sativa</i>	Os02g0102900	<i>OsHsp60-1</i>
	Os02g0247200	<i>OsHsp60-2</i>
	Os03g0143400	<i>OsHsp60-3</i>
	Os03g0804800	<i>OsHsp60-4</i>
	Os03g0859600	<i>OsHsp60-5</i>
	Os04g0551800	<i>OsHsp60-6</i>

Specie	Transcript ID	Gene name
<i>Glycine max</i>	Os04g0691900	<i>OsHsp60-7</i>
	Os05g0147400	<i>OsHsp60-8</i>
	Os05g0540300	<i>OsHsp60-9</i>
	Os05g0556700	<i>OsHsp60-10</i>
	Os06g0114000	<i>OsHsp60-11</i>
	Os06g0538000	<i>OsHsp60-12</i>
	Os06g0562600	<i>OsHsp60-13</i>
	Os06g0687700	<i>OsHsp60-14</i>
	Os08g0104700	<i>OsHsp60-15</i>
	Os08g0428900	<i>OsHsp60-16</i>
	Os09g0563300	<i>OsHsp60-19</i>
	Os10g0462900	<i>OsHsp60-20</i>
	Os12g0236700	<i>OsHsp60-21</i>
	Os12g0277500	<i>OsHsp60-22</i>
	Glyma.01G069500	<i>GmHSP60-1</i>
	Glyma.02G071900	<i>GmHSP60-2</i>
	Glyma.02G126300	<i>GmHSP60-3</i>
	Glyma.02G273200	<i>GmHSP60-4</i>
	Glyma.05G165500	<i>GmHSP60-5</i>
	Glyma.05G242700	<i>GmHSP60-6</i>
	Glyma.07G009600	<i>GmHSP60-7</i>
	Glyma.07G149200	<i>GmHSP60-8</i>
	Glyma.07G221100	<i>GmHSP60-9</i>
	Glyma.08G050100	<i>GmHSP60-10</i>
	Glyma.08G123100	<i>GmHSP60-11</i>
	Glyma.08G175900	<i>GmHSP60-12</i>
	Glyma.08G192700	<i>GmHSP60-13</i>
	Glyma.08G364000	<i>GmHSP60-14</i>
	Glyma.09G158200	<i>GmHSP60-15</i>
	Glyma.10G127800	<i>GmHSP60-16</i>
	Glyma.10G193200	<i>GmHSP60-17</i>
	Glyma.11G185500	<i>GmHSP60-18</i>
	Glyma.11G195900	<i>GmHSP60-19</i>
	Glyma.11G244700	<i>GmHSP60-20</i>
	Glyma.12G078100	<i>GmHSP60-21</i>
	Glyma.12G087300	<i>GmHSP60-22</i>
	Glyma.14G043400	<i>GmHSP60-23</i>
	Glyma.15G250500	<i>GmHSP60-24</i>
	Glyma.16G153200	<i>GmHSP60-25</i>
	Glyma.16G208700	<i>GmHSP60-26</i>
	Glyma.18G012400	<i>GmHSP60-27</i>
	Glyma.18G298100	<i>GmHSP60-28</i>
	Glyma.20G019400	<i>GmHSP60-29</i>
	Glyma.20G079300	<i>GmHSP60-30</i>
	Glyma.20G197100	<i>GmHSP60-31</i>
	Glyma.20G215100	<i>GmHSP60-32</i>

Note: The heat shock proteins 60 were retrieved from NCBI and Phytozome v13.