

Table S4. Amino acid sequence similarities between *H. monacanthus* and *H. undatus*.

Gene name	Identity (%)
<i>HU03G00480.1</i>	100.00
<i>HU01G02117.1</i>	62.76
<i>HU04G00093.1</i>	99.51
<i>HU05G00563.1</i>	98.99
<i>HU07G00504.1</i>	99.41
<i>HU07G00784.1</i>	100.00
<i>HU09G01023.1</i>	100.00
<i>HU11G01017.1</i>	97.25
<i>HU11G01870.1</i>	100.00
<i>HU03G01342.1</i>	98.52
<i>HU08G01572.1</i>	99.69
<i>HU08G01571.1</i>	99.20
<i>HU01G00156.1</i>	100.00
<i>HU01G00157.1</i>	100.00
<i>HU03G00258.1</i>	98.75
<i>HU03G00266.1</i>	99.58
<i>HU03G00267.1</i>	100.00
<i>HU10G00514.1</i>	98.35
<i>HU06G00241.1</i>	99.39
<i>HU06G00243.1</i>	96.30
<i>HU07G00076.1</i>	99.79
<i>HU11G01695.1</i>	98.95
<i>HU11G01696.1</i>	99.13
<i>HU11G01697.1</i>	100.00
<i>HU11G01698.1</i>	98.30

Gene name	Identity (%)
<i>HU05G01532.1</i>	100.00
<i>HU07G00240.1</i>	100.00
<i>HU08G02083.1</i>	100.00
<i>HU09G01874.1</i>	99.02
<i>HU09G01875.1</i>	100.00
<i>HU03G02206.1</i>	95.7
<i>HU07G01550.1</i>	100.00
<i>HU09G01034.1</i>	96.72
<i>HU04G00198.1</i>	52.24
<i>HU10G01599.1</i>	100.00
<i>HU07G01678.1</i>	98.74