

Supplemental Table 1: Annotation and homology analysis of NbUBC2 and NbHUB1.

Plant species	Accession no	E-value	identity (%)
NbUBC2			
<i>Nicotiana tomentosiformis</i>	XP_009589859.1	3e-108	99
<i>Solanum lycopersicum</i>	XP_004232235.1	5e-108	99
<i>N. sylvestris</i>	XP_009779442.1	7e-108	99
<i>Solanum tuberosum</i>	XP_006344417.1	8e-108	99
<i>N. tabacum</i>	BAB40311.1	1e-107	99
<i>Zea mays</i>	ACG37110.1	7e-108	99
<i>Oryza sativa</i>	NP_001058973.1	1e-106	97
<i>Sesamum indicum</i>	XP_011085767	2e-107	98
<i>Medicago truncatula</i>	XP_013445765.1	3e-106	97
NbHUB1			
<i>S. lycopersicum</i>	XP_010312797.1	0.0	100
<i>S. tuberosum</i>	XP_006366930.1	0.0	97
<i>N. sylvestris</i>	XP_009798154.1	0.0	88
<i>Vitis vinifera</i>	XP_010661359.1	0.0	64
<i>Populus trichocarpa</i>	XP_006375233.1	0.0	61
<i>Theobroma cacao</i>	XP_007052228.1	0.0	63
<i>Glycine max</i>	XP_006591212.1	0.0	59