



<b>Organism</b>	<b>Sequence</b>	<b>Accession code</b>
<i>Arabidopsis thaliana</i>	ThaleCress BAM3	O65440 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress DORN1	Q9LSR8 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress HMGB1	O49595 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress HMGB2	O49596 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress HMGB3	P93047 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress LYK5	OAP11490 <sup>2</sup>
<i>Arabidopsis thaliana</i>	ThaleCress MAPK2	Q9S7U9 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress MAPK3	Q39023 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress MAPK6	Q39026 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress MAPK9	NP_974331 <sup>2</sup>
<i>Arabidopsis thaliana</i>	ThaleCress PEP1	Q9LV87 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress PEPR1	Q9SSL9 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress PEPR2	Q9FZ59 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress SERK3	Q94F62 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress SERK4	Q9SKG5 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress SR160	NP_195650 <sup>2</sup>
<i>Arabidopsis thaliana</i>	ThaleCress WAK1	Q39191 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress WAK2	Q9LMP1 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress WAK3	Q9LMN8 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress WAK4	Q9LMN6 <sup>1</sup>
<i>Arabidopsis thaliana</i>	ThaleCress WAK5	Q9LMN7 <sup>1</sup>
<i>Medicago truncatula</i>	BarrelMedic DORN1	XP_013448930 <sup>2</sup>
<i>Medicago truncatula</i>	BarrelMedic HMGB1/2/3	XP_013462296 <sup>2</sup>
<i>Medicago truncatula</i>	BarrelMedic MAPK3	XP_003606509 <sup>2</sup>
<i>Medicago truncatula</i>	BarrelMedic MAPK6	G7JNP9 <sup>1</sup>
<i>Medicago truncatula</i>	BarrelMedic PEPR1/2	XP_013465647 <sup>2</sup>
<i>Medicago truncatula</i>	BarrelMedic SERKL	XP_003593155 <sup>2</sup>
<i>Medicago truncatula</i>	BarrelMedic SR160	XP_003602504 <sup>2</sup>
<i>Medicago truncatula</i>	BarrelMedic WAKL	XP_013461333 <sup>2</sup>
<i>Pisum sativum</i>	Pea DORN1	ABU75307 <sup>2</sup>
<i>Pisum sativum</i>	Pea HMGB1/2/3	Q41026 <sup>1</sup>
<i>Pisum sativum</i>	Pea MAPK3	Q9M6S1 <sup>1</sup>
<i>Pisum sativum</i>	Pea MAPK6	Q06060 <sup>1</sup>
<i>Pisum sativum</i>	Pea NORK	Q8LKZ1 <sup>1</sup>
<i>Pisum sativum</i>	Pea SR160	Q76FZ8 <sup>1</sup>
<i>Prunus persica</i>	Peach DORN1	XP_020422899 <sup>2</sup>
<i>Prunus persica</i>	Peach HMGB1/2/3	XP_007202727 <sup>2</sup>
<i>Prunus persica</i>	Peach MAPK3	XP_007205387 <sup>2</sup>
<i>Prunus persica</i>	Peach MAPK6	M5VPZ6 <sup>1</sup>
<i>Prunus persica</i>	Peach PEPR1/2	XP_007217286 <sup>2</sup>
<i>Prunus persica</i>	Peach SERKL	XP_007201734 <sup>2</sup>
<i>Prunus persica</i>	Peach SR160	XP_007208382 <sup>2</sup>
<i>Prunus persica</i>	Peach WAKL	ONI11223 <sup>2</sup>
<i>Populus trichocarpa</i>	Cottonwood DORN1	XP_006379022 <sup>2</sup>

<i>Populus trichocarpa</i>	Cottonwood HMGB1/2/3	XP_002306980 <sup>2</sup>
<i>Populus trichocarpa</i>	Cottonwood MAPK3	XP_002314017 <sup>2</sup>
<i>Populus trichocarpa</i>	Cottonwood MAPK6	B9HGK0 <sup>1</sup>
<i>Populus trichocarpa</i>	Cottonwood PEPR1/2	XP_002311912 <sup>2</sup>
<i>Populus trichocarpa</i>	Cottonwood SERKL	XP_006369340 <sup>2</sup>
<i>Populus trichocarpa</i>	Cottonwood SR160	XP_002310619 <sup>2</sup>
<i>Populus trichocarpa</i>	Cottonwood WAKL	XP_006386339 <sup>2</sup>
<i>Vitis vinifera</i>	WineGrape DORN1	XP_002280641 <sup>2</sup>
<i>Vitis vinifera</i>	WineGrape HMGB1/2/3	XP_002280084 <sup>2</sup>
<i>Vitis vinifera</i>	WineGrape MAPK3	XP_002284807 <sup>2</sup>
<i>Vitis vinifera</i>	WineGrape MAPK6	F6HAX6 <sup>1</sup>
<i>Vitis vinifera</i>	WineGrape PEPR1/2	XP_002273607 <sup>2</sup>
<i>Vitis vinifera</i>	WineGrape SERKL	D7STF6 <sup>1</sup>
<i>Vitis vinifera</i>	WineGrape SR160	XP_002278935 <sup>2</sup>
<i>Vitis vinifera</i>	WineGrape WAKL	XP_002284700 <sup>2</sup>
<i>Nicotiana tabacum</i>	Tobacco DORN1	XP_016479299 <sup>2</sup>
<i>Nicotiana tabacum</i>	Tobacco HMGB1/2/3	XP_016457342 <sup>2</sup>
<i>Nicotiana tabacum</i>	Tobacco HSYA	Q93WP8 <sup>1</sup>
<i>Nicotiana tabacum</i>	Tobacco HSYB	Q93WP7 <sup>1</sup>
<i>Nicotiana tabacum</i>	Tobacco MAPK3	XP_016478177 <sup>2</sup>
<i>Nicotiana tabacum</i>	Tobacco MAPK6	O04362 <sup>1</sup>
<i>Nicotiana tabacum</i>	Tobacco PEPR1/2	XP_016436237 <sup>2</sup>
<i>Nicotiana tabacum</i>	Tobacco SERKL	XP_016442040 <sup>2</sup>
<i>Nicotiana tabacum</i>	Tobacco SR160	NP_001312072 <sup>2</sup>
<i>Nicotiana tabacum</i>	Tobacco WAKL	XP_016500142 <sup>2</sup>
<i>Solanum lycopersicum</i>	Tomato SR160	Q8GUQ5 <sup>1</sup>
<i>Solanum lycopersicum</i>	Tomato DORN1	XP_004246354 <sup>2</sup>
<i>Solanum lycopersicum</i>	Tomato HMGB1/2/3	XP_004232565 <sup>2</sup>
<i>Solanum lycopersicum</i>	Tomato HSY	Q7XAD0 <sup>1</sup>
<i>Solanum lycopersicum</i>	Tomato MAPK3	Q84MI4 <sup>1</sup>
<i>Solanum lycopersicum</i>	Tomato MAPK6	NP_001234355 <sup>2</sup>
<i>Solanum lycopersicum</i>	Tomato PEPR1/2	XP_004235511 <sup>2</sup>
<i>Solanum lycopersicum</i>	Tomato SERKL	NP_001234626 <sup>2</sup>
<i>Solanum lycopersicum</i>	Tomato SYST	P27058 <sup>1</sup>
<i>Solanum lycopersicum</i>	Tomato WAKL	K4DAS <sup>1</sup>
<i>Zea mays</i>	Maize DORN1	NP_001146046 <sup>2</sup>
<i>Zea mays</i>	Maize HMGB1/2/3	XP_023157525 <sup>2</sup>
<i>Zea mays</i>	Maize MAPK3	NP_001140308 <sup>2</sup>
<i>Zea mays</i>	Maize MAPK6	NP_001152745 <sup>2</sup>
<i>Zea mays</i>	Maize WAKL	XP_008671196 <sup>2</sup>
<i>Zea mays</i>	Maize PEP1	A0A0N9ZV66 <sup>1</sup>
<i>Zea mays</i>	Maize PEPR1/2	NP_001307735 <sup>2</sup>
<i>Zea mays</i>	Maize SERKL	B4G007 <sup>1</sup>
<i>Zea mays</i>	Maize SR160	NP_001309780 <sup>2</sup>
<i>Oryza sativa</i>	Rice DORN1	XP_015635471 <sup>2</sup>
<i>Oryza sativa</i>	Rice HMGB1/2/3	XP_015651271 <sup>2</sup>

<i>Oryza sativa</i>	Rice MAPK3	ABH01189 <sup>2</sup>
<i>Oryza sativa</i>	Rice MAPK6	Q84UI5 <sup>1</sup>
<i>Oryza sativa</i>	Rice PEPR1/2	XP_015648066 <sup>2</sup>
<i>Oryza sativa</i>	Rice SERKL	Q67X31 <sup>1</sup>
<i>Oryza sativa</i>	Rice SR160	XP_015621030 <sup>2</sup>
<i>Oryza sativa</i>	Rice WAKL	AAL34935 <sup>2</sup>
<i>Hordeum vulgare</i>	Barley DORN1	BAJ93092 <sup>2</sup>
<i>Hordeum vulgare</i>	Barley HMGB1/2/3	Q43481 <sup>1</sup>
<i>Hordeum vulgare</i>	Barley MAPK3	M0V3Q0 <sup>1</sup>
<i>Hordeum vulgare</i>	Barley MAPK6	BAJ90351 <sup>2</sup>
<i>Hordeum vulgare</i>	Barley PEPR1/2	BAK08322 <sup>2</sup>
<i>Hordeum vulgare</i>	Barley SERKL	A2TLT1 <sup>1</sup>
<i>Hordeum vulgare</i>	Barley SR160	Q76CZ6 <sup>1</sup>
<i>Hordeum vulgare</i>	Barley WAKL	BAJ97464 <sup>2</sup>
<i>Homo sapiens</i>	Human HMGB1	P09429 <sup>1</sup>
<i>Homo sapiens</i>	Human MAPK3	P27361 <sup>1</sup>
<i>Homo sapiens</i>	Human MAPK6	Q16659 <sup>1</sup>
<i>Gallus gallus</i>	Chicken MAPK3	NP_989481 <sup>2</sup>
<i>Gallus gallus</i>	Chicken MAPK6	Q5F3W3 <sup>1</sup>
<i>Danio rerio</i>	Zebrafish MAPK3	Q7ZVK8 <sup>1</sup>
<i>Danio rerio</i>	Zebrafish MAPK6	Q0H1F2 <sup>1</sup>

<sup>1</sup>UniProtKB (<https://www.uniprot.org/uniprot/>)

<sup>2</sup>NCBI GenBank (<https://www.ncbi.nlm.nih.gov/genbank/>)