

Appendix B Sub-cellular location of protein ZM26SUB5

<http://linux1.softberry.com/berry.phtml?topic=protcomppl&group=programs&subgroup=proloc>

ProtComp v8.0 / Predict the sub-cellular localization for protein ZM26SUB5
result:

ProtComp Version 8.0. Identifying sub-cellular location (Plant)

Seq name: test sequence, Length=443

Significant similarity in Location DB-Location:Nuclear

Database sequence: AC=Q9UTM3 Location:Nuclear DE 26S proteasome regulatory subunit rpn5.

Score=7145, Sequence length=443, Alignment length=389

Predicted by Neural Nets - Nuclear with score 2.1

Integral Prediction of protein location: Nuclear with score 3.4

Location weights:	LocDB /	PotLocDB /	Neural Nets /	Pentamers /	Integral
Nuclear	10.0 /	0.0 /	2.05 /	1.31 /	3.38
Plasma membrane	0.0 /	0.0 /	0.03 /	0.35 /	0.00
Extracellular	0.0 /	0.0 /	0.09 /	2.85 /	0.52
Cytoplasmic	0.0 /	0.0 /	0.41 /	0.49 /	6.09
Mitochondrial	0.0 /	0.0 /	0.00 /	0.00 /	0.00
Endoplasm. retic.	0.0 /	0.0 /	0.27 /	0.00 /	0.00
Peroxisomal	0.0 /	0.0 /	0.00 /	0.00 /	0.00
Chloroplast	0.0 /	0.0 /	0.15 /	0.00 /	0.00