

Supplementary Table 1. Sequence identity among the expressed protein and other α -amylase proteins

Accession number	Species	α -amylase family and subfamily	Sequence identity (%)
AWL05875.1	<i>Massilia oculi</i>	GH13_6	98.50
EKU83291.1	<i>Massilia timonae</i>	GH13_6	90.52
QJE00754.1	<i>Duganella</i> sp.	GH13_6	78.50
QBI00971.1	<i>Massilia albidiflava</i>	GH13_6	75.00
QBQ35479.1	<i>Massilia plicata</i>	GH13_6	74.37
QBE61772.1	<i>Massilia lutea</i>	GH13_6	73.00
AVR97140.1	<i>Massilia-armeniaca</i>	GH13_6	72.50
AXA90592.1	<i>Massilia</i> sp.	GH13_6	71.75
WP_147953147.1	<i>Empedobacter haloabium</i>	GH13_6	71.75
QGX39990.1	<i>Permianibacter aggregans</i>	GH13_6	59.85
ACE84223.1	<i>Cellvibrio japonicus</i>	GH13_6	57.54
AII00648.1	<i>Corallocooccus</i> sp.	GH13_6	56.52
AKJ00982.1	<i>Archangium gephyra</i>	GH13_6	55.73
QBC45185.1	<i>Iodobacter fluviatilis</i>	GH13_6	54.99
AFE09509.1	<i>Corallocooccus coralloides</i>	GH13_6	54.73
ADO70169.1	<i>Stigmatella aurantiaca</i>	GH13_6	53.81
ATB36510.1	<i>Cystobacter fuscus</i>	GH13_6	53.44
ABD79827.1	<i>Saccharophagus degradans</i>	GH13_6	52.43
ATB31363.1	<i>Melittangium boletus</i>	GH13_6	51.78
ADN02538.1	<i>Spirochaeta thermophila</i>	GH13_6	48.73
P04063.3	<i>Hordeum vulgare</i>	GH13_6	43.12
ACF88424.1	<i>Zea mays</i>	GH13_6	43.12
CAB36742.1	<i>Arabidopsis thaliana</i>	GH13_6	42.93
AAA16513.1	<i>Cuscuta reflexa</i>	GH13_6	42.30
AAA34259.1	<i>Triticum aestivum</i>	GH13_6	42.43
AAA33885.1	<i>Oryza sativa</i>	GH13_6	42.18
BAA33879.1	<i>Phaseolus vulgaris</i>	GH13_6	42.13
BAC76729.1	<i>Vigna angularis</i>	GH13_6	41.82
CAA37217.1	<i>Vigna mungo</i>	GH13_6	41.82
CAA09323.1	<i>Avena fatua</i>	GH13_6	41.16
VFA42089.1	<i>Chryseobacterium indologenes</i>	GH13_7	32.58
ABQ04980.1	<i>Flavobacterium johnsoniae</i>	GH13_7	31.46
QEE48109.1	<i>Flavobacterium alkalisoli</i>	GH13_7	30.14
AXO81475.1	<i>Olleya aquimaris</i>	GH13_7	29.41
ADQ17984.1	<i>Leadbetterella byssophila</i>	GH13_7	29.08
AIF68502.1	<i>Palaeococcus pacificus</i>	GH13_7	28.93
ATA94000.1	<i>Capnocytophaga canimorsus</i>	GH13_7	27.45
CAL67106.1	<i>Gramella forsetii</i>	GH13_7	27.25
BAA21130.1	<i>Pyrococcus</i> sp.	GH13_7	27.02
Q5JER7	<i>Thermococcus kodakarensis</i>	GH13_7	27.02
NP_578206.1	<i>Pyrococcus furiosus</i>	GH13_7	26.74
AIU69287.1	<i>Thermococcus eurythermalis</i>	GH13_7	26.74
ABA26948.1	<i>Thermococcus onnurineus</i>	GH13_7	26.69
P00692	<i>Bacillus amyloliquefaciens</i>	GH13_5	22.75
P06278	<i>Bacillus licheniformis</i>	GH13_5	22.47