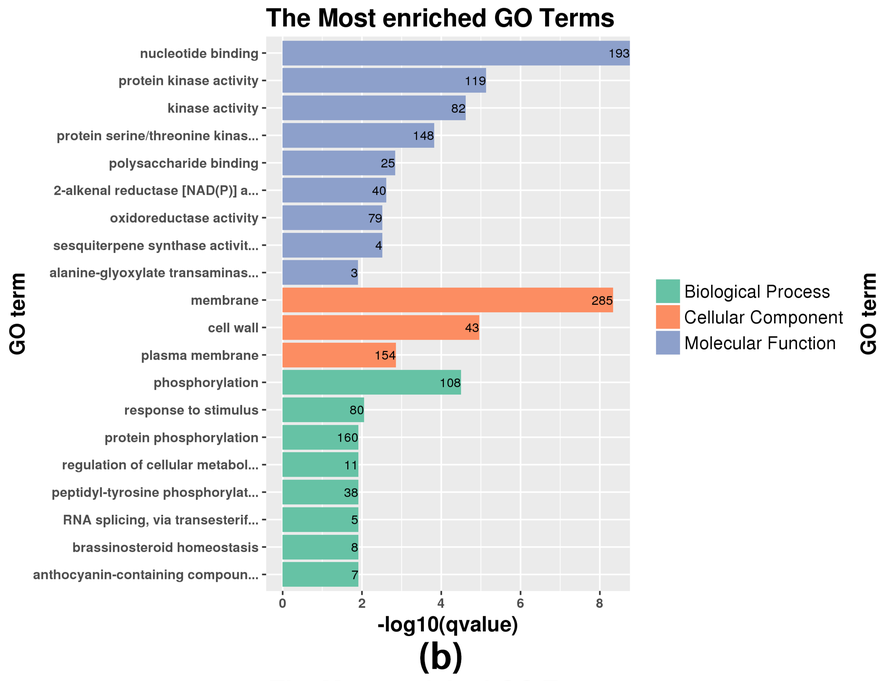
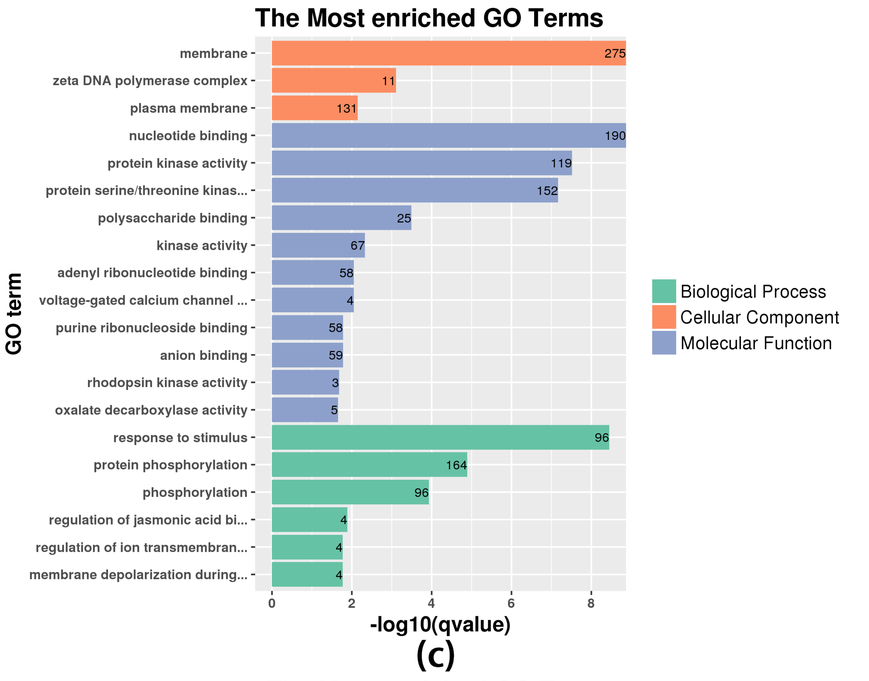
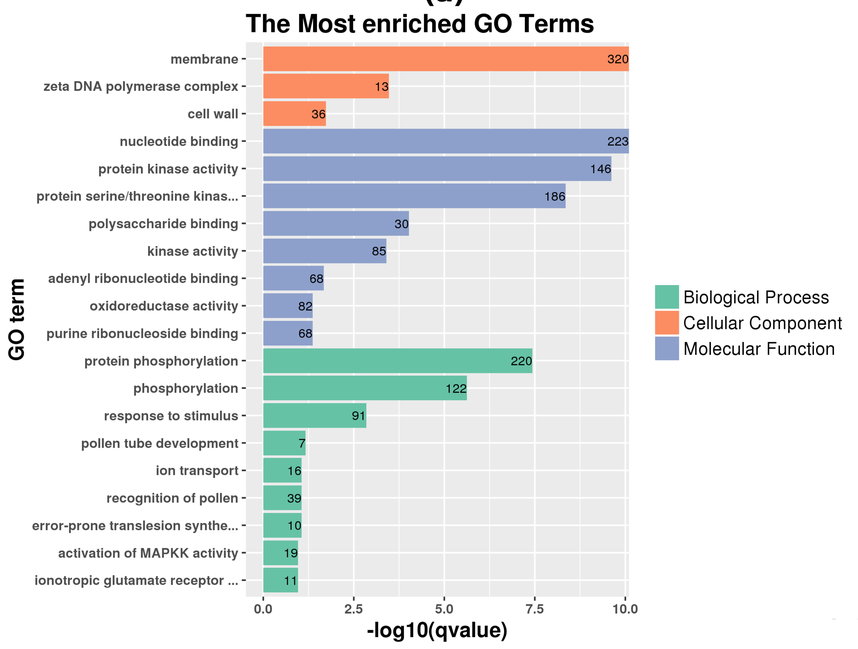
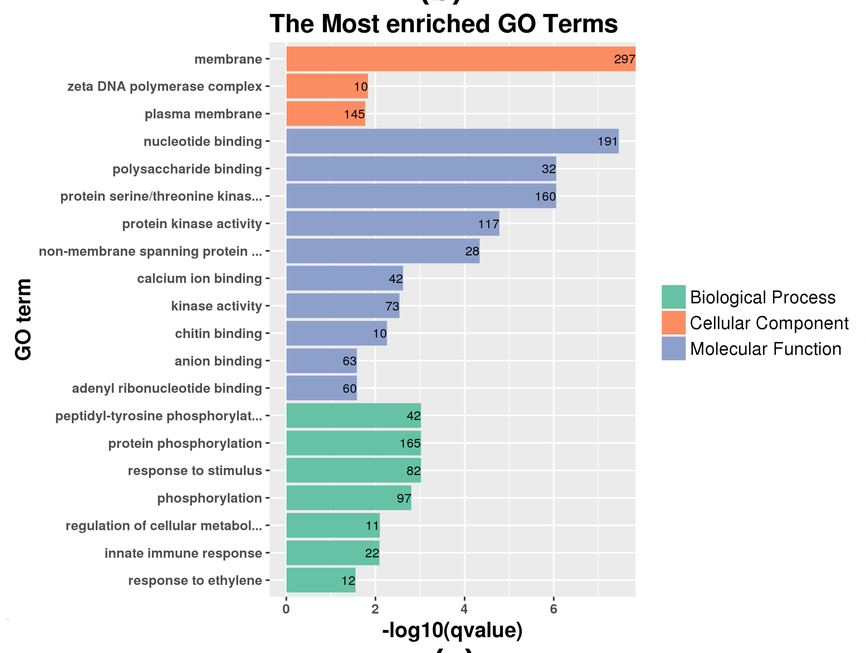
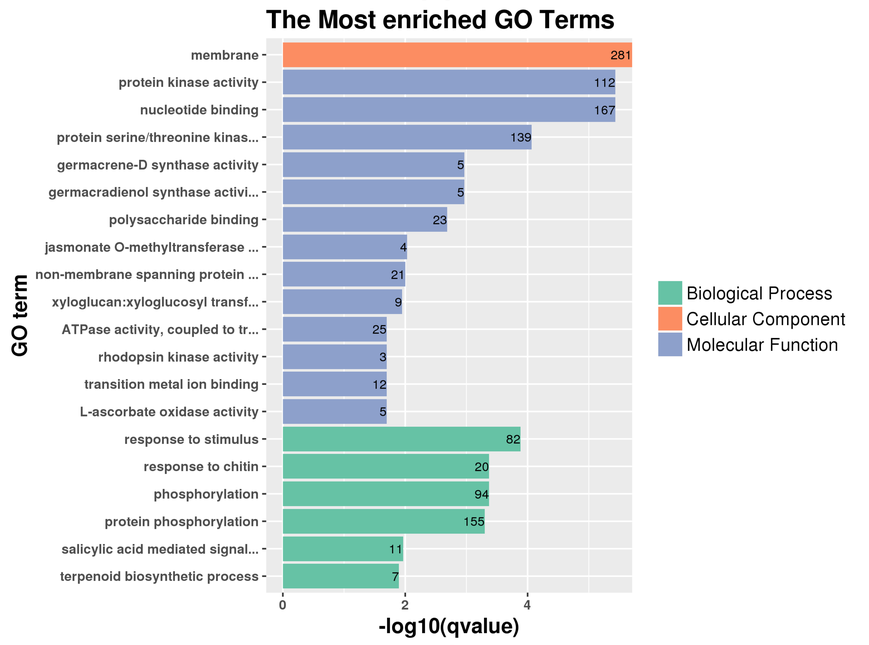
The Most enriched GO Terms
protein serine/threonine kinas... 183
nucleotide binding 211
protein kinase activity 129
polysaccharide binding 33
kinase activity 88
sucrose alpha-glucosidase acti... 7
monophenol monooxygenase activ... 4
quercetin 3-O-glucosyltransfer... 27
9,9-dicis-carotene:quinone oxi... 8
quercetin 7-O-glucosyltransfer... 26
protein phosphorylation 204
phosphorylation 121
brassinosteroid homeostasis 9
response to hydrogen peroxide 18
sterol metabolic process 10
protein folding 42
membrane 288
intracellular membrane-bounded... 50
plasma membrane 159
zeta DNA polymerase complex 10
GO term
0 2 4 6
-log10(qvalue)
Biological Process
Cellular Component
Molecular Function
(a)

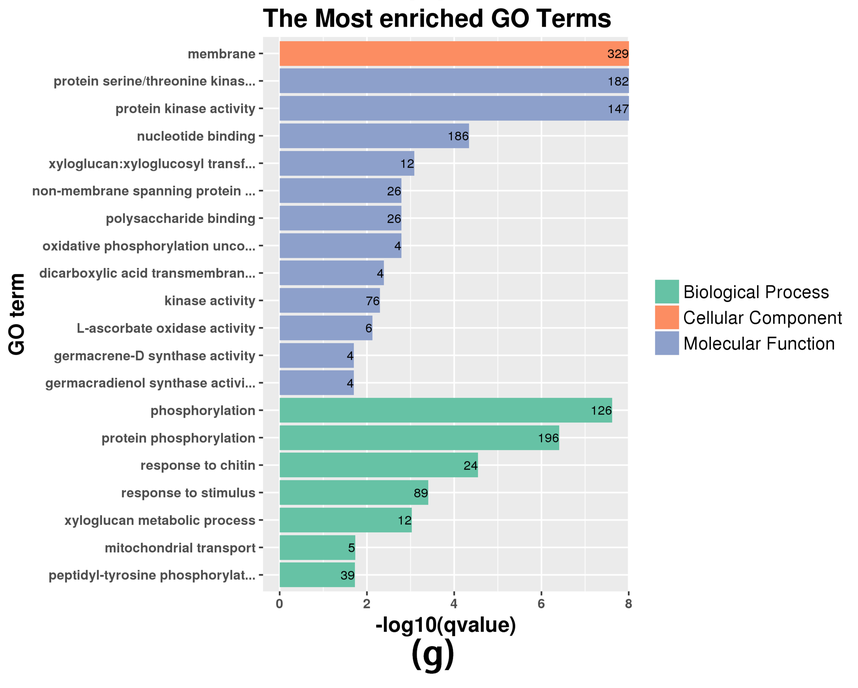

The Most enriched GO Terms
nucleotide binding 193
protein kinase activity 119
kinase activity 82
protein serine/threonine kinas... 148
polysaccharide binding 25
2-alkenal reductase [NAD(P)] a... 40
oxidoreductase activity 79
sesquiterpene synthase activit... 4
alanine-glyoxylate transaminas... 3
membrane 285
cell wall 43
plasma membrane 154
phosphorylation 108
response to stimulus 80
protein phosphorylation 160
regulation of cellular metabol... 11
peptidyl-tyrosine phosphorylat... 38
RNA splicing, via transesterif... 5
brassinosteroid homeostasis 8
anthocyanin-containing compoun... 7
GO term
0 2 4 6 8
-log10(qvalue)
Biological Process
Cellular Component
Molecular Function
(b)

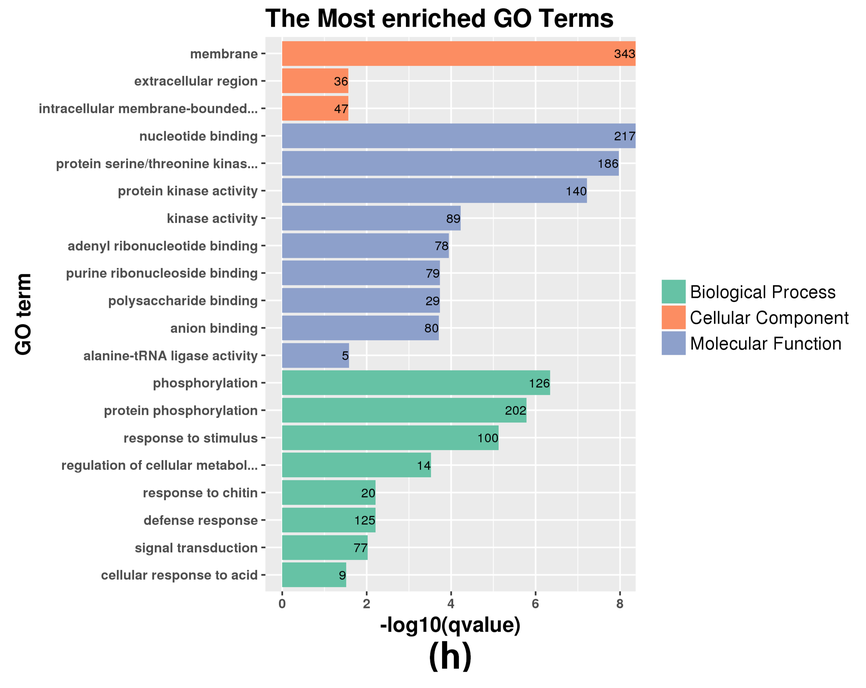

The Most enriched GO Terms
membrane 275
zeta DNA polymerase complex 11
plasma membrane 131
nucleotide binding 190
protein kinase activity 119
protein serine/threonine kinas... 152
polysaccharide binding 25
kinase activity 67
adenyl ribonucleotide binding 58
voltage-gated calcium channel ... 4
purine ribonucleoside binding 58
anion binding 59
rhodopsin kinase activity 3
oxalate decarboxylase activity 5
response to stimulus 96
protein phosphorylation 164
phosphorylation 96
regulation of jasmonic acid bi... 4
regulation of ion transmembran... 4
membrane depolarization during... 4
GO term
0 2 4 6 8
-log10(qvalue)
Biological Process
Cellular Component
Molecular Function
(c)

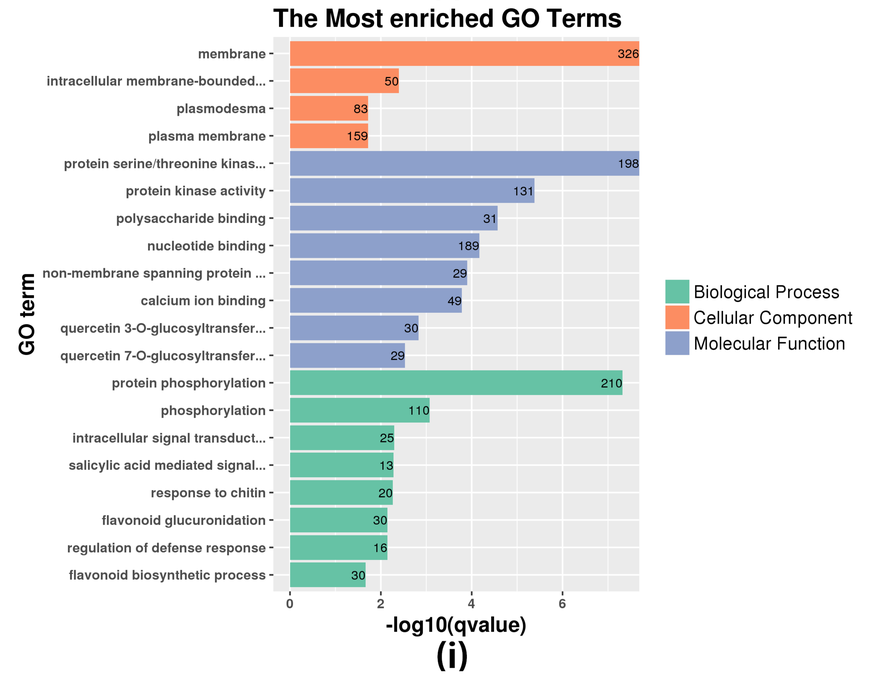

The Most enriched GO Terms
membrane 320
zeta DNA polymerase complex 13
cell wall 36
nucleotide binding 223
protein kinase activity 146
protein serine/threonine kinas... 186
polysaccharide binding 30
kinase activity 85
adenyl ribonucleotide binding 68
oxidoreductase activity 82
purine ribonucleoside binding 68
protein phosphorylation 220
phosphorylation 122
response to stimulus 91
pollen tube development 7
ion transport 16
recognition of pollen 39
error-prone translesion synthe... 10
activation of MAPKK activity 19
ionotropic glutamate receptor ... 11
GO term
0.0 2.5 5.0 7.5 10.0
-log10(qvalue)
Biological Process
Cellular Component
Molecular Function
(d)


The Most enriched GO Terms
membrane 297
zeta DNA polymerase complex 10
plasma membrane 145
nucleotide binding 191
polysaccharide binding 32
protein serine/threonine kinas... 160
protein kinase activity 117
non-membrane spanning protein ... 28
calcium ion binding 42
kinase activity 73
chitin binding 10
anion binding 63
adenyl ribonucleotide binding 60
peptidyl-tyrosine phosphorylat... 42
protein phosphorylation 165
response to stimulus 82
phosphorylation 97
regulation of cellular metabol... 11
innate immune response 22
response to ethylene 12
GO term
0 2 4 6
-log10(qvalue)
Biological Process
Cellular Component
Molecular Function
(e)


The Most enriched GO Terms
membrane 281
protein kinase activity 112
nucleotide binding 167
protein serine/threonine kinas... 139
germacrene-D synthase activity 5
germacradienol synthase activi... 5
polysaccharide binding 23
jasmonate O-methyltransferase ... 4
non-membrane spanning protein ... 21
xyloglucan:xyloglucosyl transf... 9
ATPase activity, coupled to tr... 25
rhodopsin kinase activity 3
transition metal ion binding 12
L-ascorbate oxidase activity 5
response to stimulus 82
response to chitin 20
phosphorylation 94
protein phosphorylation 155
salicylic acid mediated signal... 11
terpenoid biosynthetic process 7
GO term
0 2 4
-log10(qvalue)
Biological Process
Cellular Component
Molecular Function
(f)


The Most enriched GO Terms
membrane 329
protein serine/threonine kinas... 182
protein kinase activity 147
nucleotide binding 186
xyloglucan:xyloglucosyl transf... 12
non-membrane spanning protein ... 26
polysaccharide binding 26
oxidative phosphorylation unco... 4
dicarboxylic acid transmembran... 4
kinase activity 76
L-ascorbate oxidase activity 6
germacrene-D synthase activity 4
germacradienol synthase activi... 4
phosphorylation 126
protein phosphorylation 196
response to chitin 24
response to stimulus 89
xyloglucan metabolic process 12
mitochondrial transport 5
peptidyl-tyrosine phosphorylat... 39
GO term
0 2 4 6 8
-log10(qvalue)
Biological Process
Cellular Component
Molecular Function
(g)


The Most enriched GO Terms
membrane 343
extracellular region 36
intracellular membrane-bounded... 47
nucleotide binding 217
protein serine/threonine kinas... 186
protein kinase activity 140
kinase activity 89
adenyl ribonucleotide binding 78
purine ribonucleoside binding 79
polysaccharide binding 29
anion binding 80
alanine-tRNA ligase activity 5
phosphorylation 126
protein phosphorylation 202
response to stimulus 100
regulation of cellular metabol... 14
response to chitin 20
defense response 125
signal transduction 77
cellular response to acid 9
GO term
0 2 4 6 8
-log10(qvalue)
Biological Process
Cellular Component
Molecular Function
(h)


The Most enriched GO Terms
membrane 326
intracellular membrane-bounded... 50
plasmodesma 83
plasma membrane 159
protein serine/threonine kinas... 198
protein kinase activity 131
polysaccharide binding 31
nucleotide binding 189
non-membrane spanning protein ... 29
calcium ion binding 49
quercetin 3-O-glucosyltransfer... 30
quercetin 7-O-glucosyltransfer... 29
protein phosphorylation 210
phosphorylation 110
intracellular signal transduct... 25
salicylic acid mediated signal... 13
response to chitin 20
flavonoid glucuronidation 30
regulation of defense response 16
flavonoid biosynthetic process 30
GO term
0 2 4 6
-log10(qvalue)
Biological Process
Cellular Component
Molecular Function
(i)