a
TARA_123 overexpression
TARA_122 overexpression
Fold change
Bacillariophyta
Chlorophyta
Dinophyceae
Haptophyceae
Pelagophyceae
b
ISIP1
ISIP2a
ISIP3
Metagenome
Metatranscriptome
Bacillariophyta 0.8-5 µm (320 unigenes)
Bacillariophyta 5-20 µm (709 unigenes)
Chlorophyta 0.8-5 µm (51 unigenes)
Dinophyceae 0.8-5 µm (771 unigenes)
Dinophyceae 5-20 µm (787 unigenes)
Haptophyceae 0.8-5 µm (426 unigenes)
Pelagophyceae 0.8-5 µm (324 unigenes)
c
Other / Unassigned
Other / Unassigned Eukaryota
Dinophyceae
Chlorophyta
Bacillariphyta
Pelagophyceae
Haptophyceae
0.8 - 5 µm
5 - 20 µm
Relative expression (%)
All stations
TARA_122
TARA_123
TARA_124
TARA_125
d
Ferredoxin
Flavodoxin
Metagenome
Metatranscriptome
e
FBA II (PF01116)
FBA I (PF00274)
Metagenome
Metatranscriptome
Bacillariophyta 5 -20 µm
Chlorophyta 0.8 - 5 µm
Dinophyceae 5 - 20 µm
Haptophyceae 0.8 - 5 µm
Pelagophyceae 0.8 - 5 µm
Synechococcus 0.2 - 3 µm
Prochlorococcus 0.2 - 3 µm