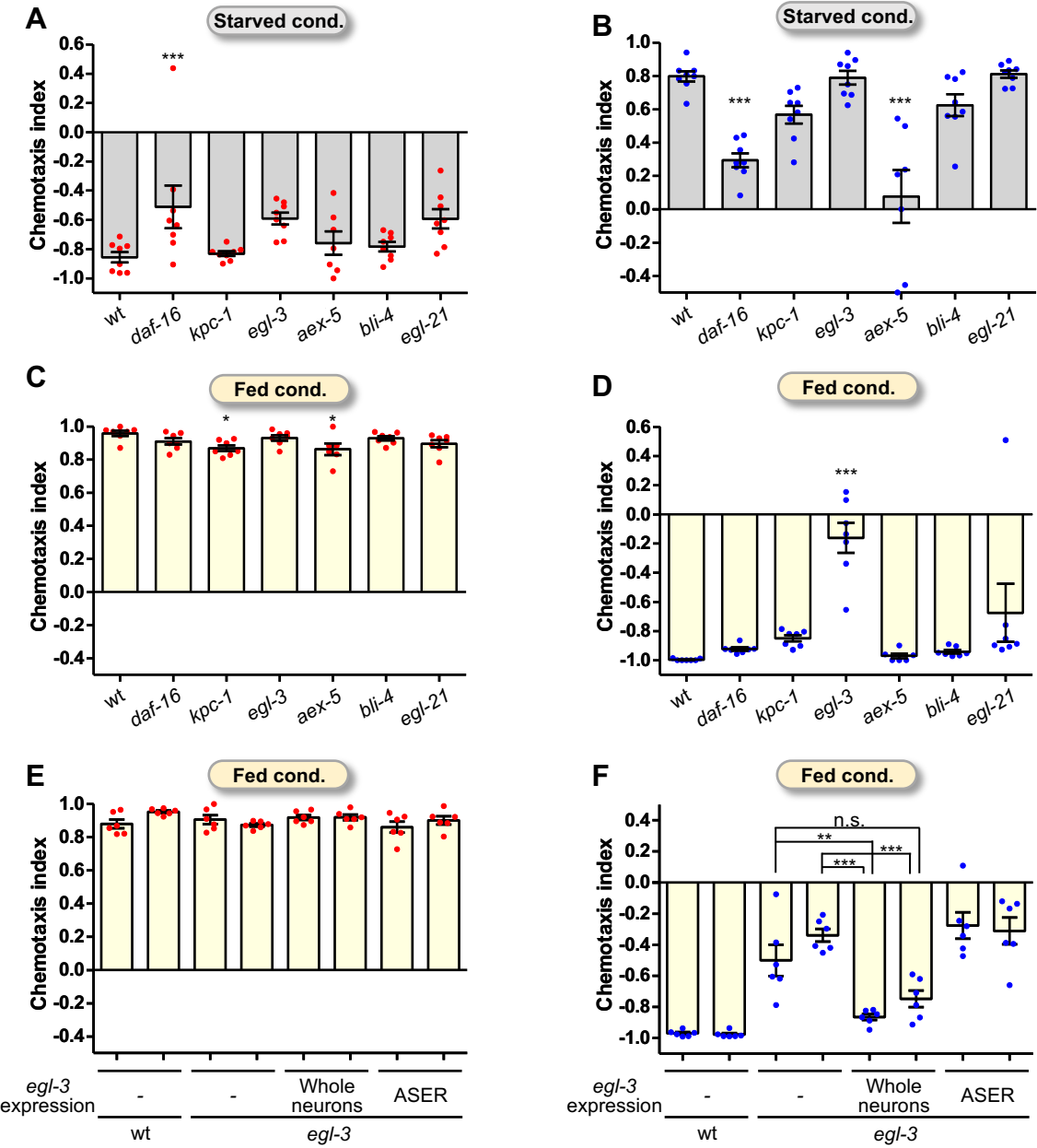
A
Starved cond.
Chemotaxis index
0.6
0.4
0.2
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
***
wt
daf-16
kpc-1
egl-3
aex-5
bli-4
egl-21
B
Starved cond.
Chemotaxis index
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
***
***
wt
daf-16
kpc-1
egl-3
aex-5
bli-4
egl-21
C
Fed cond.
Chemotaxis index
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
*
*
wt
daf-16
kpc-1
egl-3
aex-5
bli-4
egl-21
D
Fed cond.
Chemotaxis index
0.6
0.4
0.2
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
***
wt
daf-16
kpc-1
egl-3
aex-5
bli-4
egl-21
E
Fed cond.
Chemotaxis index
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
egl-3 expression
-
-
Whole neurons
ASER
wt
egl-3
F
Fed cond.
Chemotaxis index
0.4
0.2
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
n.s.
**
***
***
egl-3 expression
-
-
Whole neurons
ASER
wt
egl-3