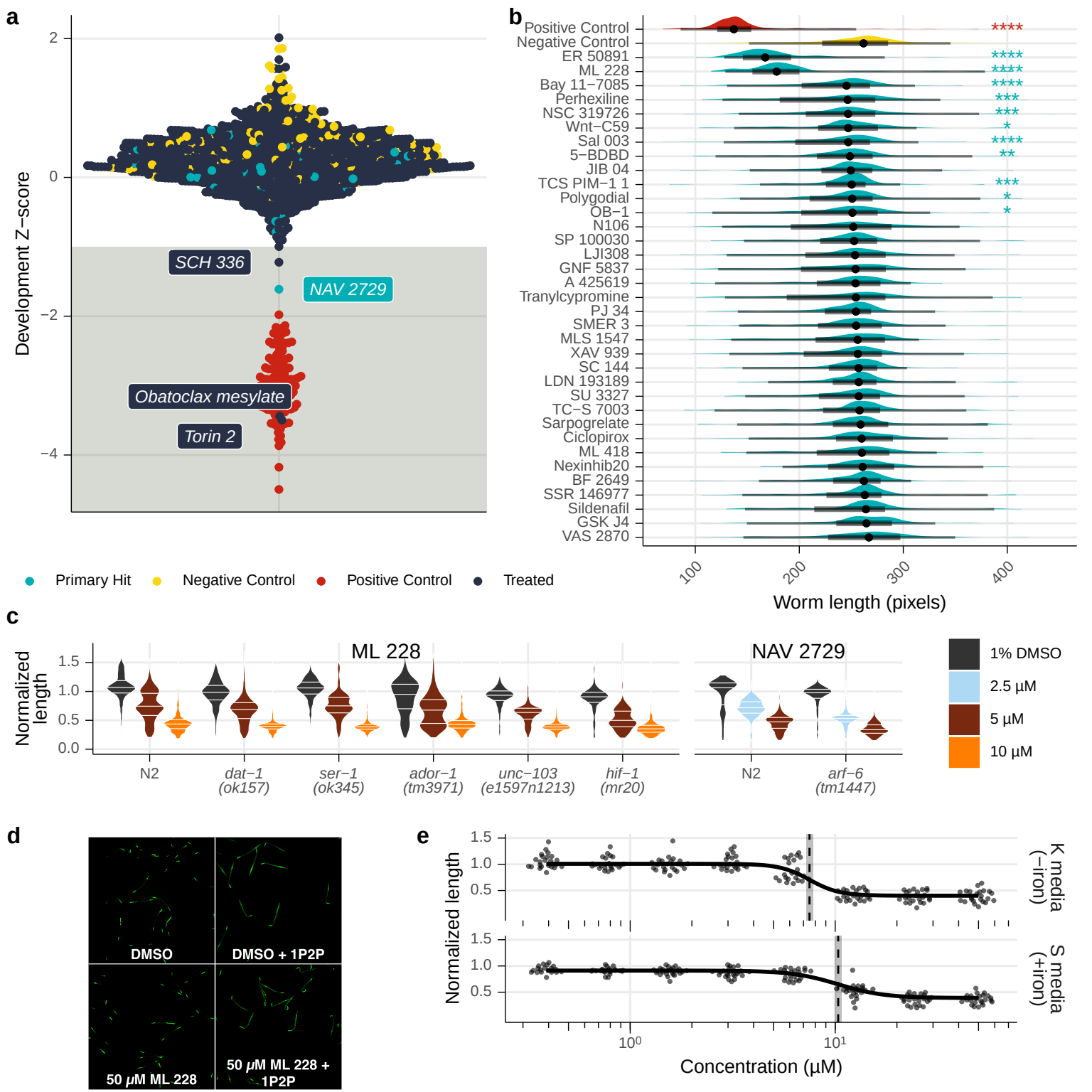
a
Development Z−score
2
0
−2
−4
SCH 336
NAV 2729
Obatoclax mesylate
Torin 2
Primary Hit
Negative Control
Positive Control
Treated
b
Positive Control
Negative Control
ER 50891
ML 228
Bay 11−7085
Perhexiline
NSC 319726
Wnt−C59
Sal 003
5−BDBD
JIB 04
TCS PIM−1 1
Polygodial
OB−1
N106
SP 100030
LJI308
GNF 5837
A 425619
Tranylcypromine
PJ 34
SMER 3
MLS 1547
XAV 939
SC 144
LDN 193189
SU 3327
TC−S 7003
Sarpogrelate
Ciclopirox
ML 418
Nexinhib20
BF 2649
SSR 146977
Sildenafil
GSK J4
VAS 2870
****
****
****
****
***
***
*
****
**
***
*
*
100
200
300
400
Worm length (pixels)
c
Normalized length
1.5
1.0
0.5
0.0
ML 228
NAV 2729
N2
dat−1 (ok157)
ser−1 (ok345)
ador−1 (tm3971)
unc−103 (e1597n1213)
hif−1 (mr20)
N2
arf−6 (tm1447)
1% DMSO
2.5 μM
5 μM
10 μM
d
DMSO
DMSO + 1P2P
50 μM ML 228
50 μM ML 228 + 1P2P
e
Normalized length
1.5
1.0
0.5
K media (−iron)
S media (+iron)
10^0
10^1
Concentration (μM)