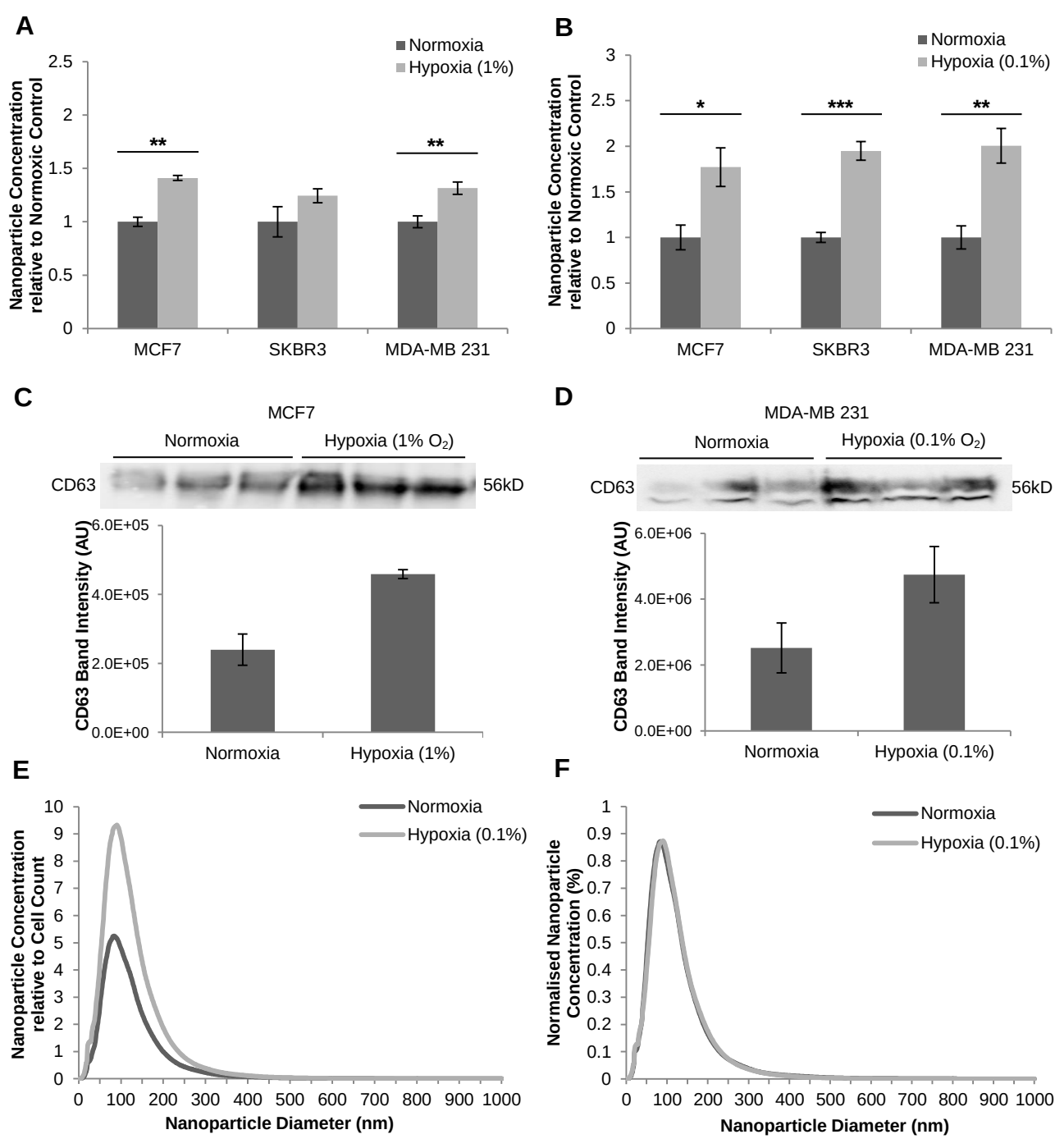
A
Normoxia
Hypoxia (1%)
Nanoparticle Concentration relative to Normoxic Control
2.5
2
1.5
1
0.5
0
**
**
MCF7
SKBR3
MDA-MB 231
B
Normoxia
Hypoxia (0.1%)
Nanoparticle Concentration relative to Normoxic Control
3
2.5
2
1.5
1
0.5
0
*
***
**
MCF7
SKBR3
MDA-MB 231
C
MCF7
Normoxia
Hypoxia (1% O2)
CD63
56kD
CD63 Band Intensity (AU)
6.0E+05
4.0E+05
2.0E+05
0.0E+00
Normoxia
Hypoxia (1%)
D
MDA-MB 231
Normoxia
Hypoxia (0.1% O2)
CD63
56kD
CD63 Band Intensity (AU)
6.0E+06
4.0E+06
2.0E+06
0.0E+00
Normoxia
Hypoxia (0.1%)
E
Normoxia
Hypoxia (0.1%)
Nanoparticle Concentration relative to Cell Count
10
9
8
7
6
5
4
3
2
1
0
0 100 200 300 400 500 600 700 800 900 1000
Nanoparticle Diameter (nm)
F
Normoxia
Hypoxia (0.1%)
Normalised Nanoparticle Concentration (%)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 100 200 300 400 500 600 700 800 900 1000
Nanoparticle Diameter (nm)