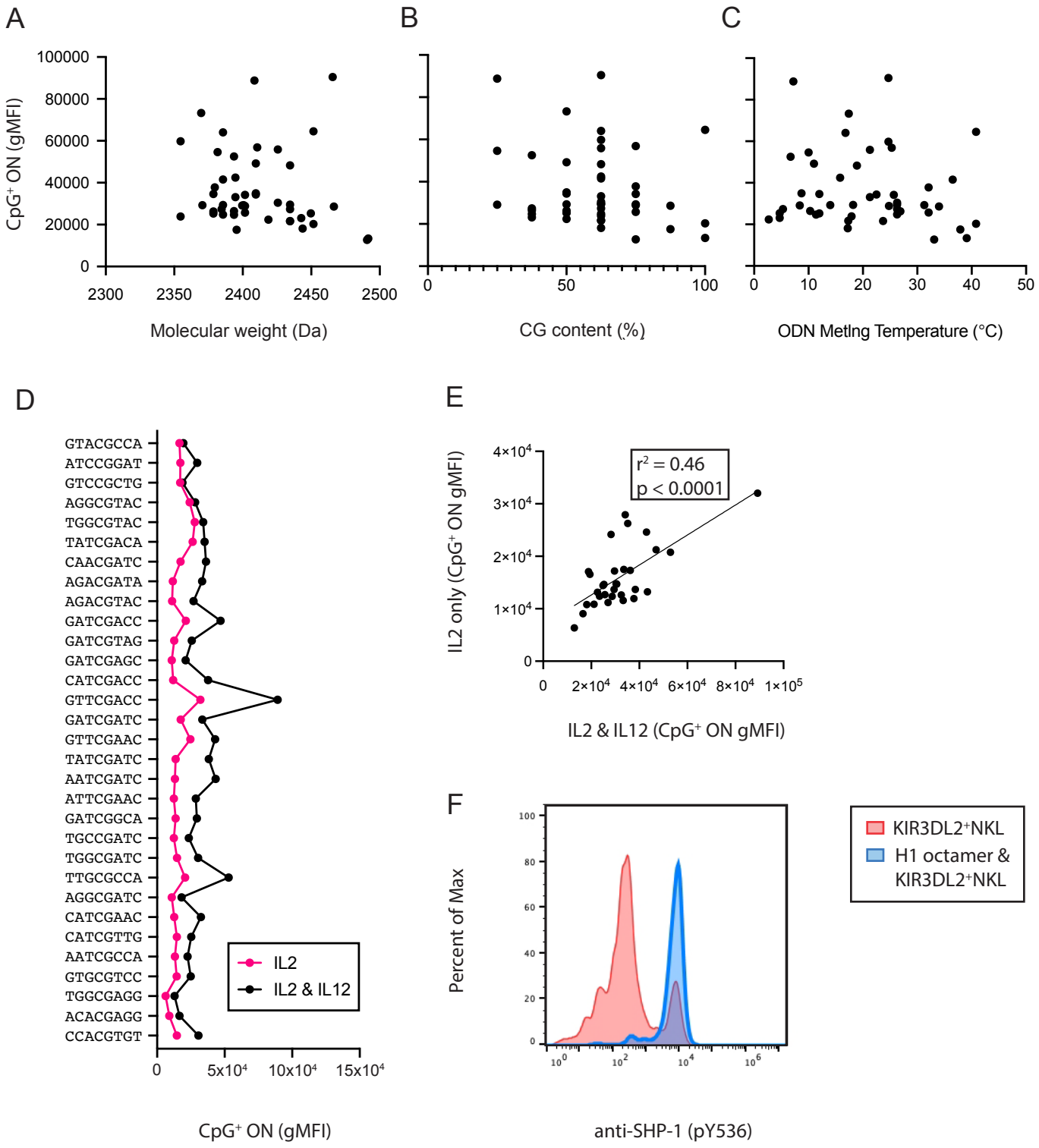
A
B
C
CpG+ ON (gMFI)
100000
80000
60000
40000
20000
0
2300
2350
2400
2450
2500
Molecular weight (Da)
0
50
100
CG content (%)
0
10
20
30
40
50
ODN Metlng Temperature (°C)
D
GTACGCCA
ATCCGGAT
GTCCGCTG
AGGCGTAC
TGGCGTAC
TATCGACA
CAACGATC
AGACGATA
AGACGTAC
GATCGACC
GATCGTAG
GATCGAGC
CATCGACC
GTTCGACC
GATCGATC
GTTCGAAC
TATCGATC
AATCGATC
ATTCGAAC
GATCGGCA
TGCCGATC
TGGCGATC
TTGCGCCA
AGGCGATC
CATCGAAC
CATCGTTG
AATCGCCA
GTGCGTCC
TGGCGAGG
ACACGAGG
CCACGTGT
IL2
IL2 & IL12
0
5x10⁴
10x10⁴
15x10⁴
CpG+ ON (gMFI)
E
IL2 only (CpG+ ON gMFI)
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
r² = 0.46
p < 0.0001
0
2×10⁴
4×10⁴
6×10⁴
8×10⁴
1×10⁵
IL2 & IL12 (CpG+ ON gMFI)
F
Percent of Max
100
80
60
40
20
0
10⁰
10²
10⁴
10⁶
anti-SHP-1 (pY536)
KIR3DL2+NKL
H1 octamer &
KIR3DL2+NKL