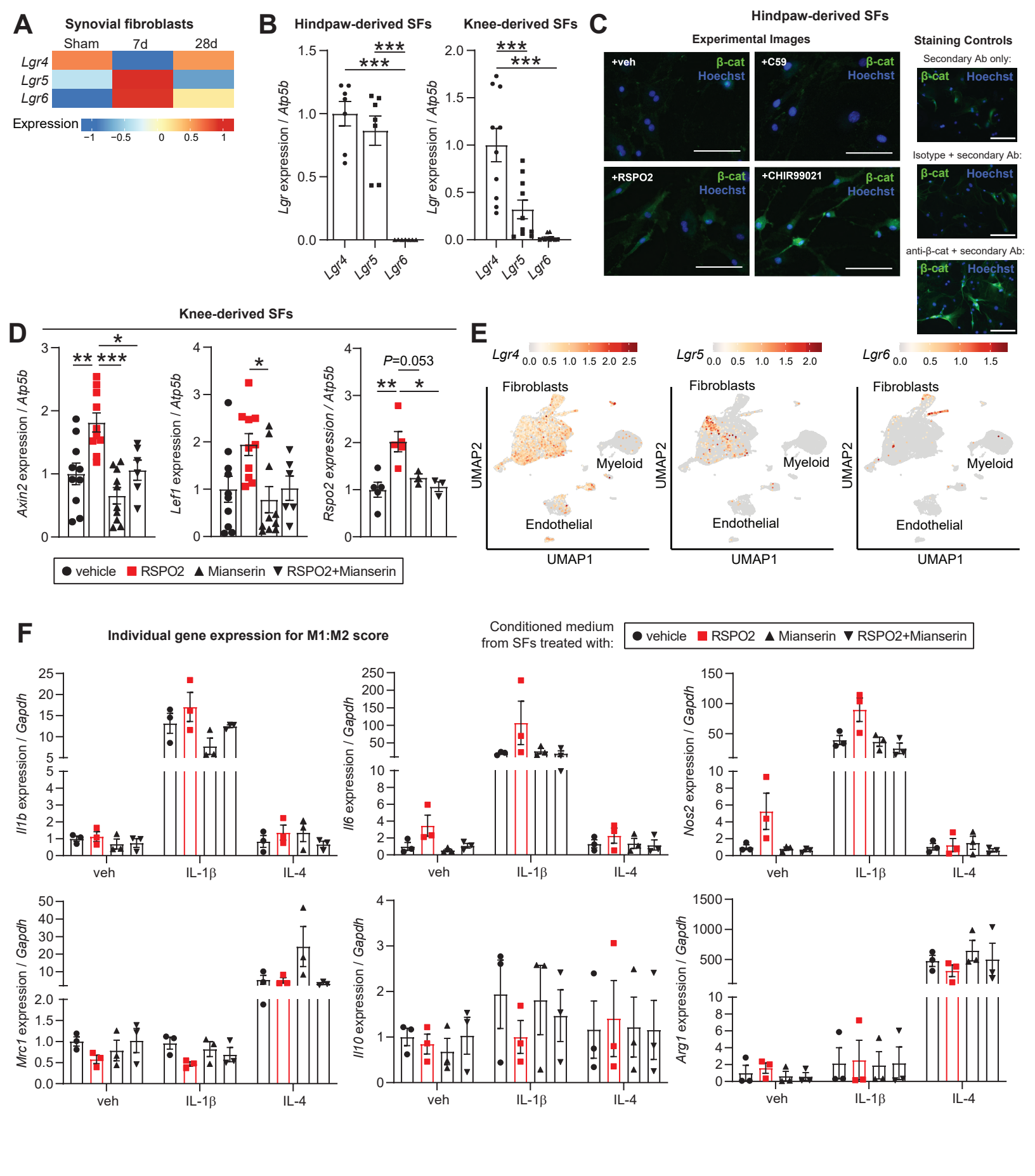
A
Synovial fibroblasts
Sham
7d
28d
Lgr4
Lgr5
Lgr6
Expression
−1
−0.5
0
0.5
1
B
Hindpaw-derived SFs
Knee-derived SFs
Lgr expression / Atp5b
Lgr4
Lgr5
Lgr6
C
Hindpaw-derived SFs
Experimental Images
Staining Controls
Secondary Ab only:
Isotype + secondary Ab:
anti-β-cat + secondary Ab:
+veh
+C59
+RSPO2
+CHIR99021
β-cat
Hoechst
D
Knee-derived SFs
Axin2 expression / Atp5b
Lef1 expression / Atp5b
Rspo2 expression / Atp5b
P=0.053
vehicle
RSPO2
Mianserin
RSPO2+Mianserin
E
Lgr4
Lgr5
Lgr6
Fibroblasts
Myeloid
Endothelial
UMAP1
UMAP2
F
Individual gene expression for M1:M2 score
Conditioned medium from SFs treated with:
vehicle
RSPO2
Mianserin
RSPO2+Mianserin
Il1b expression / Gapdh
Il6 expression / Gapdh
Nos2 expression / Gapdh
Mrc1 expression / Gapdh
Il10 expression / Gapdh
Arg1 expression / Gapdh
veh
IL-1β
IL-4