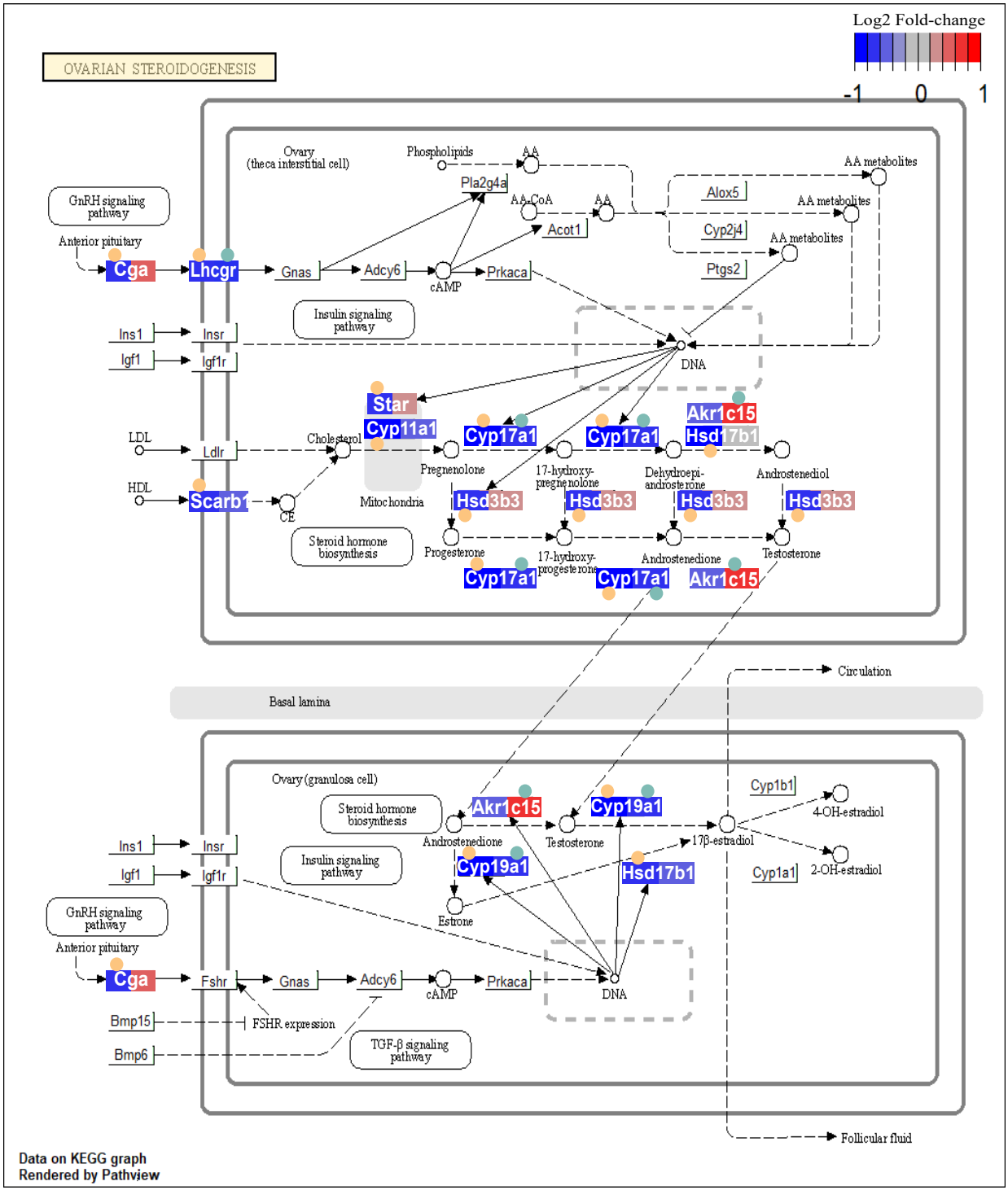
Log2 Fold-change
-1
0
1
OVARIAN STEROIDOGENESIS
Ovary
(theca interstitial cell)
Phospholipids
AA
Pla2g4a
AA-CoA
AA
Acot1
Alox5
Cyp2j4
Ptgs2
AA metabolites
AA metabolites
AA metabolites
GnRH signaling pathway
Anterior pituitary
Cga
Lhcgr
Gnas
Adcy6
cAMP
Prkaca
Insulin signaling pathway
Ins1
Insr
Igf1
Igf1r
DNA
Star
Cyp11a1
Cyp17a1
Cyp17a1
Akr1c15
Hsd17b1
LDL
Ldlr
Cholesterol
HDL
Scarb1
CE
Mitochondria
Pregnenolone
17-hydroxy-pregnenolone
Dehydroepi-androsterone
Androstenediol
Hsd3b3
Hsd3b3
Hsd3b3
Hsd3b3
Steroid hormone biosynthesis
Progesterone
17-hydroxy-progesterone
Androstenedione
Testosterone
Cyp17a1
Cyp17a1
Akr1c15
Circulation
Basal lamina
Ovary (granulosa cell)
Steroid hormone biosynthesis
Akr1c15
Cyp19a1
Cyp1b1
4-OH-estradiol
Androstenedione
Testosterone
17β-estradiol
Ins1
Insr
Igf1
Igf1r
Insulin signaling pathway
Cyp19a1
Hsd17b1
Cyp1a1
2-OH-estradiol
Estrone
GnRH signaling pathway
Anterior pituitary
Cga
Fshr
Gnas
Adcy6
cAMP
Prkaca
DNA
Bmp15
Bmp6
FSHR expression
TGF-β signaling pathway
Follicular fluid
Data on KEGG graph
Rendered by Pathview

Figure S6