

**Supplementary information**

**Regulation of androgen receptor signaling by ubiquitination during folliculogenesis and its possible dysregulation in polycystic ovarian syndrome**

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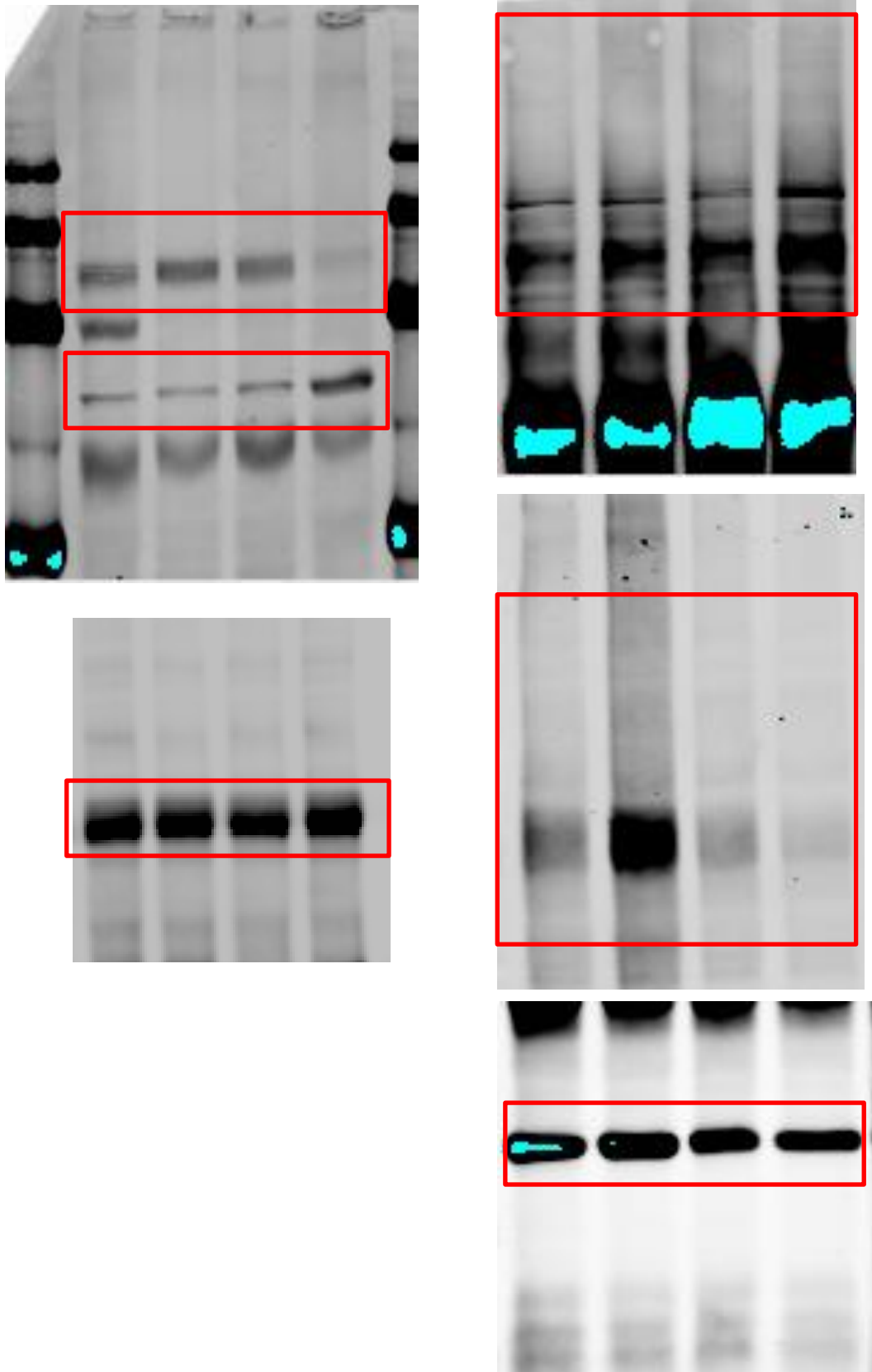
**Supplementary Table 1 List of Antibodies used in current studies.**

Primary antibodies						
Name	Isotype	Specie cross-reactivity	Supplier	Cat. No.	Dilution in W.B	Dilution in IF
Anti-human RNF6	Rabbit IgG	R, M, H	Abcam	ab-80427	1:1000	1:200
Anti-human AR	Rabbit IgG	R, M	Origene	TA307638	1:1000	1:200
Anti-human Ubiquitin K48	Rabbit IgG	R, M, H	Abcam	ab-190061	1:1000	NA
Anti-mouse Ubiquitin K63	Mouse IgG	R, M, H	Biologend	#-932202	1:1000	NA
Anti-human GAPDH	Rabbit IgG	R, M, H	Santa cruz	sc-25778	1:8000	NA
Anti-human Kit ligand	Mouse IgG	R, M, H	Santa cruz	sc-13126	NA	1:200
Anti-human GDF9	Goat IgG	R, M, H	Santa cruz	Sc-12244	NA	1:200
Secondary antibodies						
Name	Isotype	Dye	Supplier	Cat. No.	W.B	IF
Mouse IgG (H+L)	Goat IgG	Alexa 488	Thermo Fisher	A-11001	NA	1:200
Mouse IgG (H+L)	Goat IgG	Alexa 594	Thermo Fisher	A-11005	NA	1:200
Rabbit IgG (H+L)	Goat IgG	Alexa 680	Life Technologies	A-21077	1:10000	NA
Mouse IgG (H+L)	Goat IgG	DyLight 800	Thermo Fisher	SA5-10176	1:10000	NA

**Supplementary Table 2 List of Primers used in the current studies**

Gene	Gene bank Accession No.	Primer Sequence (5'-3')	Amplicon size (bp)	Annealing Temp. (°C)
sKIT-L	NM_021843.4	F: TGACCTCGTGGCATGTATGG R: GCTGCAACAGGGGGTAACAT	206	52
GAPDH	XM_017592435.1	F: TGTGAACGGATTTGGCCGTA R: GATGGTGATGGGTTTCCCGT	208	56

Supplementary figure 1 Blot in the Figure 2C and 2D (Do not contract change)



Supplementary figure 1 Blot in the Figure 3A and 3B (Do not contract change)

