

Supplementary Table 1. mRNA targets chosen for ISH based on RNA sequencing data from Parker H. et al (ref. 21) and Kanth P. et al (ref. 38).

<i>gene name</i>	<i>gene expression pattern (RNA sequencing)</i>
VSIG1	SSL-specific expression
ANXA10	SSL-specific expression
ZIC2 / ZIC5	SSL-specific expression (neighbouring genes)
SEMG1	SSL-specific expression
FOXD1	SSL-specific expression
KLK8	SSL-specific expression
AQP5	SSL-specific expression
MUC5AC	SSL-specific expression
LINC00520	SSL-specific expression
NKD1	cADNs-specific
APOBEC1	downregulated in cADNs
ACHE	downregulated in cADNs
HOXD13	HP-specific
EVX2	<i>HOXD13</i> neighbouring gene
HOXB13	HP-specific
PRAC1	<i>HOXB13</i> neighbouring gene
INSL5	HP-specific
OR51E2	HP-specific
CPB1	HP-specific
ST6GAL2	HP-specific
FAM3B	no expression in HPs
PPIB	positive control: expressed in most of the cells
DapB	negative control (bacterial gene)
XIST	positive (female cells)/negative (male cells) control