

SUPPLEMENTARY TABLE S1. ANTIBODIES AND USE

<i>Antibody</i>	<i>Supplier</i>	<i>Reference</i>	<i>Species</i>	<i>Dilution</i>	<i>Unmasking</i>	<i>Embedding</i>
Act. Casp. 3	Cell Signalling	9661	Rabbit	1/100	+	Paraffin
$\beta$ -catenin	BD Biosciences	610154	Mouse IgG1	1/1000	+	Paraffin
E-cadherin	BD Biosciences	610182	Mouse IgG2a	1/1000	- or +	Paraffin or gelatin
Ezrin	Thermo Scientific	MS-661-P1	Mouse IgG1	1/400	+	Paraffin
F4/80	Cell Signalling	70076	Rabbit	1/250	+	Paraffin
I-Thyroglobulin	Gift: Ris Stalpers		Mouse IgG1	1/100	+	Paraffin
Ki67	BD Biosciences	556003	Mouse IgG1	1/250	+	Paraffin
Laminin	Sigma	L9393	Rabbit	1/100	+	Paraffin
LAMP-1	Hybridoma Bank	1D4B	Rat (Mab)	1/100	-	Paraffin or gelatin
LAMP-2A	Abcam	Ab18528	Rabbit	1/200	+	Paraffin
LC3B	Cell Signalling	3868	Rabbit	1/100	+	Paraffin
Na <sup>+</sup> /K <sup>+</sup> -ATPase	Hybridoma Bank	$\alpha$ 6F	Mouse IgG2a	1/400	+	Paraffin
p62	ARP	03-GP62C	Guinea pig	1/400	+	Paraffin or gelatin
TOM20	Cell Signalling	D8T4N	Rabbit	1/200	+	Paraffin
Thyroglobulin	DAKO	M0781	Mouse IgG1	1/500	+	Paraffin
TTF1	Agilent	M357501	Mouse IgG1	1/200	+	Paraffin
YFP	Abcam	Ab6673	Goat	1/250	+	Paraffin or gelatin
ZO-1	Invitrogen	61-7300	Rabbit	1/75	+	Paraffin

SUPPLEMENTARY TABLE S2. PRIMERS

<i>Gene</i>	<i>Forward primer (5' → 3')</i>	<i>Reverse primer (5' → 3')</i>
<i>Ano1</i>	GAGGCCAGTAGCCATCAGAG	CGTGAAGGAGATCACAAAGGC
<i><math>\beta</math>-actin</i>	TCCTGAGCGCAAGTACTCTGT	CTGATCCACATCTGCTGGAAG
<i>Duox</i>	TCCAGAAGGCGCTGAACAG	GCGACCAAAGTGGGTGATG
<i>Duoxa2</i>	CGTTAACATTACACTCCGAGGAACA	CAGAATGCCACCCACAGTGT
<i>Gpx2</i>	GCTTCCCTTGCAACCAGTTC	CTCCCCTTCTGGCCCTATGA
<i>Nis</i>	AGCAGGCTTAGCTGTATCCC	AGCCCCGTAGTAGAGATAGGAG
<i>Nqo1</i>	CGTCATTCTCTGGCCGATTCA	GGGGAAAAGAAAGCTGCGT
<i>Nrf2</i>	GAATTCCTCCCAATTCAGCCG	GCTGCCTCCAGAGAGCTATT
<i>Rpl27</i>	GCCCTGGTGGCTGGAATTGACC	AAACTTGACCTTGGCCTCCCGC
<i>Slc26a4</i>	GCTCGCATTCCGGACTGTAA	CAGCAAACCTGCTTTGGCAT
<i>Slc26a7</i>	CTCAGTTCCTGTCCAACGG	AGCGTGGAGACTCCTGTGTA
<i>Tg</i>	TGGGACGTGAAAGGGGAATGGTGC	GTGAGCTTTTGGAAATGGCAGGCGA
<i>Tpo</i>	TGCCAACAGAAGCATGGGCAAC	GCACAAAGTTCCCATGTCCAC
<i>Tshr</i>	CTGCGGGGCAAAGAGTGTGC	AGGGGAGCTCTGTCAAGGCA
<i>Txnrd1</i>	TACTGCATCAGCAGTGATGATC	CCATGTTCTTCCATGTGTTTCCAC
<i>Vps34 ex20-21</i>	CACACAGTATCCAGCACAGC	TGAGACTGGACCCATGGCA
<i>Vps34 ex21-22</i>	TTGGAGTTGGAGACCGGCA	TCCTTGTTTCCAGCTTCATCGGAG
<i>Vps34 ex22-24</i>	GATGGTGGAAAGGGATGGGTG	CGCTCTCGTCGATCAGACTC