

**Table S3.** Genes differentially expressed between OSNA positive SLNs with macrometastases (pN1) and OSNA negative SLNs (pN0).

Gene symbol *	Gene name *	Log2 Fold Change	Fold Change	<i>p</i> -value	FDR <i>p</i> -value
<i>VTCN1</i>	V-set domain containing T cell activation inhibitor 1	9.81	897.6	<0.001	<0.001
<i>KRT7</i>	Keratin 7	9.10	548.7	<0.001	<0.001
<i>CD44</i>	CD44 molecule (Indian blood group)	6.95	123.6	<0.001	<0.001
<i>GATA3</i>	GATA Binding protein 3	3.25	9.5	<0.001	<0.001
<i>ALOX15B</i>	Arachidonate 15-lipoxygenase type B	3.21	9.3	<0.001	<0.001
<i>LRG1</i>	Leucine rich alpha-2-glycoprotein 1	3.06	8.3	<0.001	<0.001
<i>RORC</i>	RAR related orphan receptor C	2.37	5.2	<0.001	<0.001
<i>NECTIN2</i>	Nectin cell adhesion molecule 2	2.29	4.9	<0.001	<0.001
<i>CD276</i>	CD276 molecule	1.78	3.4	<0.001	<0.001
<i>FOXM1</i>	Forkhead box M1	1.71	3.3	<0.001	0.016
<i>IGF1R</i>	Insulin like growth factor 1 receptor	1.60	3.0	<0.001	0.016

\*According to HGNC (HUGO Gene Nomenclature Committee).