

**S6 Table. Genes from the 8-gene signature and their functions.**

Gene name	Known function	Cancer type	References
<i>HSD17B7, NEBL</i>	tumor growth	breast, AML	(1,2)
<i>FAM46C</i>	poor disease-free survival	myeloma	(3,4)
<i>FGFBP1</i>	tumor initiation, metastasis, poor prognosis	pancreas, colon, gallbladder, breast, liver	(5–8)
<i>IDI1</i>	chemoresistance	ovarian	(9)
<i>CDA</i>	tumor growth, chemoresistance	breast	(10–14)
<i>GSTA4</i>	chemoresistance	breast, ovarian	(15,16)
<i>PRR15L</i>	unknown	-	-