

**(-)-Sativan inhibits tumor development and regulates
miR-200c/PD-L1 in triple negative breast cancer cells**

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Table S1. The primers used for Real-time PCR

CD247	(F) TGCCGACTACAAGCGAATTACTG
	(R) CTGCTTGTCCAGATGACTTCGG
GAPDH	(F) GACTCATGACCACAGTCCATGC
	(R) AGAGGCAGGGATGATGTTCTG
U6	(F) CTCGCTTCGGCAGCACA
	(R) AACGCTTCACGAATTTGCGT

Table S2. The primers used for colony PCR

CD247 wide-type	(F) CGCGCTCGAGGTTTGGGTCATGCTGGGGGA
	(R) CGCGAAGCTTCTTTCTCCCTGTCACAGGCG
CD247 mut	(F) ATTATCACTCTGGTCTATGACATTTGGAGGTCTGCTAATCCAGCATTG GAACTTCTGATC
	(R) CATAGACCAGAGTGATAATAGTATATTAATTCATGGGAAG

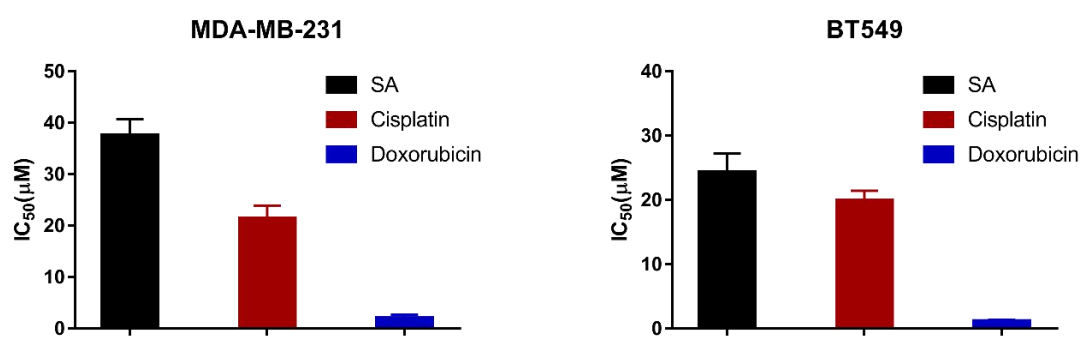


Fig S1. The IC₅₀ values of MDA-MB-231 and BT549 cells with the treatment of SA, cisplatin, and doxorubicin for 24 h.

PhenomiR 2.0

Study information	
Study design:	Patient study phenotype-control
Patients:	55
Control:	55
Samples information:	
Tissue/Cell line:	<u>breast epithelium</u>
Tissue comment:	

PhenomiR 2.0

Study information	
Study design:	Cell culture study
Patients:	
Control:	
Samples information:	
Tissue/Cell line:	<u>MDA-MB-231 cell</u>
Tissue comment:	

Detailed information about selected miRNA

miRNA:	<u>hsa-mir-200c</u>
miRNA comment:	
Method:	array CGH
Further methods:	
Evidence:	miRNA overexpression
Foldchange:	

Detailed information about selected miRNA

miRNA:	<u>hsa-mir-200c</u>
miRNA comment:	
Method:	quantitative PCR
Further methods:	
Evidence:	miRNA downregulation
Foldchange:	5.882

Fig S2.PhenomiR 2.0 (<http://mips.helmholtz-muenchen.de/phenomir>) showed that miR-200c was highly expressed in normal breast epithelium, and was lowly expressed in TNBC cell line.

hsa-miR-200c/CD247 Alignment	
3' agguaguaaugggcccGUCAUAAu 5' hsa-miR-200c 88:5' ucuucucagccacugaAGUAUUc 3' CD247	mirSVR score: -0.0068 PhastCons score: 0.5456

Fig S3. MicroRNA.org (<http://www.microRNA.org/microRNA/getGeneForm.do>) predicted that CD247 was one of the most potential targets of miR-200c with the relatively high prediction scores.