

Supplementary materials

Table S1. Potential target miRNAs of DLX6-AS1 predicted by Starbase software.

Name	mirAccession	geneName	targetsites	bioComplex	clipReadNum
<u>hsa-miR-200a-3p</u>	MIMAT0000682	DLX6-AS1	<u>1</u>	1	8
<u>hsa-miR-199a-5p</u>	MIMAT0000231	DLX6-AS1	<u>1</u>	1	6
<u>hsa-miR-346</u>	MIMAT0000773	DLX6-AS1	<u>1</u>	1	6
<u>hsa-miR-107</u>	MIMAT0000104	DLX6-AS1	<u>1</u>	1	5
<u>hsa-miR-141-3p</u>	MIMAT0000432	DLX6-AS1	<u>1</u>	1	8
<u>hsa-miR-26a-5p</u>	MIMAT0000082	DLX6-AS1	<u>1</u>	1	8
<u>hsa-miR-16-5p</u>	MIMAT0000069	DLX6-AS1	<u>1</u>	1	5
<u>hsa-miR-15a-5p</u>	MIMAT0000068	DLX6-AS1	<u>1</u>	1	5
<u>hsa-miR-1297</u>	MIMAT0005886	DLX6-AS1	<u>1</u>	1	8
<u>hsa-miR-195-5p</u>	MIMAT0000461	DLX6-AS1	<u>1</u>	1	5
<u>hsa-miR-497-5p</u>	MIMAT0002820	DLX6-AS1	<u>1</u>	1	5
<u>hsa-miR-26b-5p</u>	MIMAT0000083	DLX6-AS1	<u>1</u>	1	8
<u>hsa-miR-149-5p</u>	MIMAT0000450	DLX6-AS1	<u>1</u>	1	8
<u>hsa-miR-103a-3p</u>	MIMAT0000101	DLX6-AS1	<u>1</u>	1	5
<u>hsa-miR-15b-5p</u>	MIMAT0000417	DLX6-AS1	<u>1</u>	1	5

Table S2. Potential targets of miR-200a-3p predicted by TargetScan software.

Target gene	Gene name
ZFHX1B	zinc finger homeobox 1b
ATXN1	ataxin 1
GPM6B	glycoprotein M6B
MYH10	myosin, heavy polypeptide 10, non-muscle
CXCL12	chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1)
E2F3	E2F transcription factor 3
LOC51136	PTD016 protein
MAP2K4	mitogen-activated protein kinase kinase 4
PPM1E	protein phosphatase 1E (PP2C domain containing)
SEMA6A	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6A
PCDH9	protocadherin 9
TCF12	transcription factor 12 (HTF4, helix-loop-helix transcription factors 4)
CHES1	checkpoint suppressor 1
KIAA1463	No Description
CHP	calcium binding protein P22
EVI5L	ecotropic viral integration site 5-like
H2AFZ	H2A histone family, member Z
SLC17A6	solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 6
STAT5B	signal transducer and activator of transcription 5B
UBE3A	ubiquitin protein ligase E3A (human papilloma virus E6-associated protein, Angelman syndrome)
MAP3K3	mitogen-activated protein kinase kinase kinase 3
APBB2	amyloid beta (A4) precursor protein-binding, family B, member 2 (Fe65-like)
ASXL1	additional sex combs like 1 (Drosophila)
ATXN7	ataxin 7
BACE1	beta-site APP-cleaving enzyme 1
BRD3	bromodomain containing 3
CBL	Cas-Br-M (murine) ecotropic retroviral transforming sequence
CCNE2	cyclin E2