

Graphene Oxide–Silver Nanoparticles Nanocomposite Stimulates Differentiation in Human Neuroblastoma Cancer Cells (SH-SY5Y)

Sangiliyandi Gurunathan * and Jin-Hoi Kim *

Department of Stem Cell and Regenerative Biotechnology, Konkuk University, Seoul 05029, Korea

* Correspondence: gsangiliyandi@yahoo.com (S.G.); jhkim541@konkuk.ac.kr (J.-H.K.);

Tel.: +82-2-450-0581 (S.G.); +82-2-450-3687 (J.-H.K.)

Table S1

Gene	Primer
MAP2	F:CATGGGTCACAGGGCACCTATTC
	R:GGTGGAGAAGGAGGCAGATTAGCTG
NFASC	F:TCCTGGGCAAAGCTGAAAAC
	R:AGACGGTGAGTTTCAGGGAG
PRKCA	F:TATCGCCCCAGAGATAATCG
	R:CCTTGGACAAGGATTTTGGA
NEUN	F:CATGGGTCACAGGGCACCTATTC
	R:GGTGGAGAAGGAGGCAGATTAGCTG
GAP-43	F:AGAGGAACCTGAGGCTGACC
	R:GCTAGTGGGTGGGAAAGGAC
NEUROGENIN-1	F:GACCCTGTTTTCTCCTTCCC
	R:CCATCTATTGCCTGCTGACTAG
DRD-2	F:GTCATGATCTCCATCGTCTGG
	R:AATGAAGGGCACGTAGAAGG
NRP1	F:GAAGCACCGAGAGAACAAGG
	R:GTTGCCCTCAAAGACTTCG
NSE	F:CCCAGAACTTCCCTGATTGA

	R:AAGTGGAAAGACACGTGGGAC
ALPL	F:GCTGAACAGGAACAACGTGA
	R:AGACTGCGCCTGGTA
NPY	F:GCTGCGACACTACATCAACC
	R:CACCACATTGCAGGGTCTTC
TAU	F:AAGGTGACCTCCAAGTGTGG
	R:TATTGTCCAGGGACCCAATC
LAMININ B1	F:ACAACACCAAAGGCCTGAAC
	R:TGCCAGTAGCCAGGAAGACT
COLLAGENASE TYPE IV	F:AAAGGGAGAAAGAGGCTTGC
	R:CCTTTGTACCGTTGCATCCT

Table S2

Gene	Primer
REX1	F:ACTGGTACCTCGGATTTCAAATGGAGAGGTCCTGC
	R:AATCTGGCTAGCAGTGGAAACGTGGACTGCCCTGCG
NANOG	F:TCTTCCTTCCTCCATGGATCT
	R:AGGACTGGATGTTCTGGGTCT
OCT3/4	F:AGTGAGCAACCTGGAGA
	R:TTTTTCGTCGCTTGGAGACT
c-MYC	F:GGGGCTTTATCTAACTCGCTGTAG
	R:AGTCGTAGTCGAGGTCATAGTTCC
DAX1	F:GAGTCTGAACATCAGTACCAAGGA ,
	R:GCTCTTTATTCTTCCCTCATGGTG
FOXO3	F:GTCG TTCAGCATCGAGAACA
	R:AAATTGGGGAGAGGCAGAGT
KLF4	F:AGATGTCTAAGGAGCTGGTTGAGT
	R:GTACGCTCTGTGGATTCCTTTAGT

Table S3

Gene	Primer
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AKT1	F:AGGTGACACTATAGAATAGAGGAGATGGACTTCCGGTC
	R:GTACGACTCACTATAGGGAAGGATCTTCATGGCGTAGTAGC
ERK1/2	F:AGGTGACACTATAGAATAGGAGCAGTATTACGACCCGA
	R:GTACGACTCACTATAGGGAGATGTCTGAGCACGTCCAGT
JNK	F:AGGTGACACTATAGAATACAGAAGCTCCACCACCAAAGAT
	R:GTACGACTCACTATAGGGAGCCATTGATCACTGCTGCAC
p38	F:AGGTGACACTATAGAATATTCAGTCTTTGACTCAGATGCC
	R:GTACGACTCACTATAGGGAGTCAGGCTTTTCCACTCATCT
p53	F:AGGTGACACTATAGAATAGGGGAGCAGGGCTCA ,
	R:GTACGACTCACTATAGGGAAAAATGGCAGGGGAGGG
p21	F:AGGTGACACTATAGAATATTAGCAGCGGAACAAGGAGT
	R:GTACGACTCACTATAGGGAAGCCGAGAGAAAAACAGTCCA
PARP1	F:AGGTGACACTATAGAATATATCGAGTCGAGTACGCCAA
	R:GTACGACTCACTATAGGGAGTGTGGGACTTTTCCATCAAA
NF-kB	F:AGGTGACACTATAGAATAGCGGGCGTCTAAAATTCTG
	R:GTACGACTCACTATAGGGATTCCACGATCACCAGGTAGG