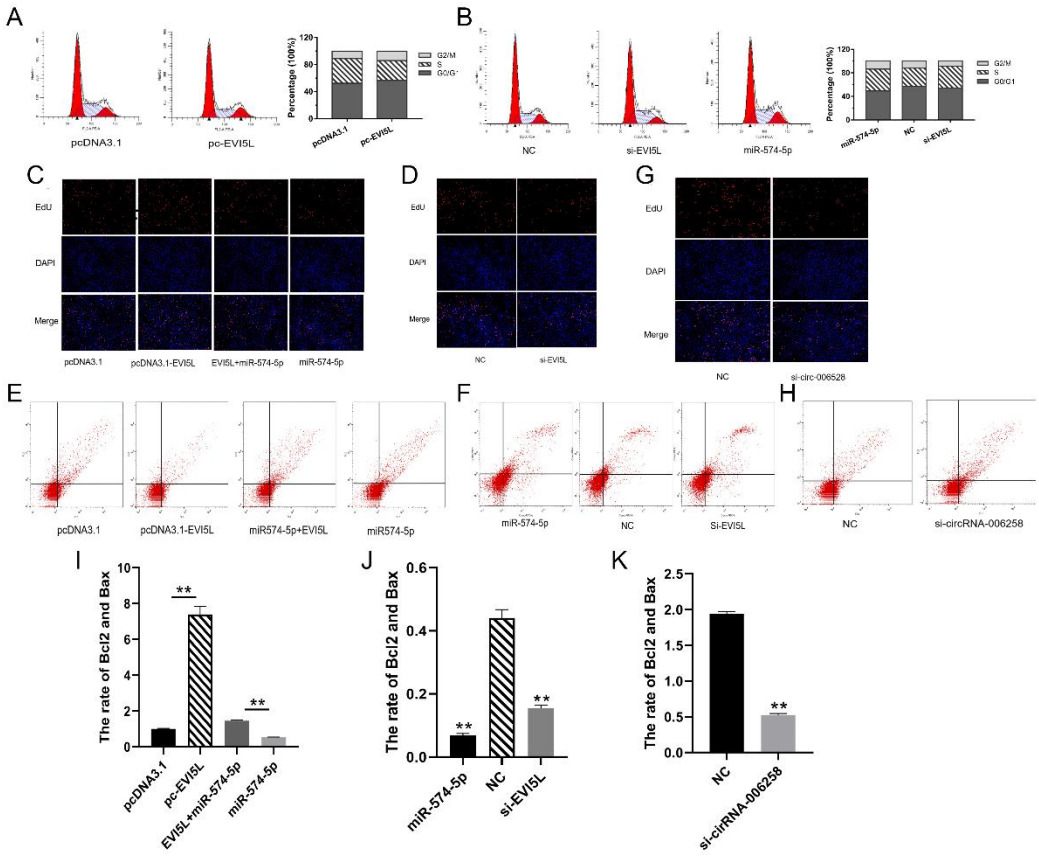

Figure S1: *EVI5L* and circ-006258 promoted GMEC proliferation in GMECs

Table S1 The validated primers used for psiCHECK-2 vectors

Name			Sequence (5'→3')
EVI5L	wild type	FORWARD	CACTCGAGCCTTCTCGGTGCTCCTGGAG
		REVERSE	ATGCGGCCGCATCTTTCCTGCCTGGGCGAC
	mutant type	FORWARD	CCCTCGAGGGACCTCATGACCCCCGG
		REVERSE	TAAAGCGGCCGCTGCTTTATTCCATCTTTCCTG
circ-006258	wild type	FORWARD	CGCTCGAGTGACCACATCACTCTGGGGC
		REVERSE	GCGGCCGCCAGTCTTGTGGGGCTGGGAA
	mutant type	FORWARD	CCCTCGAGGGATTTGCTTCAAGATAACCTGATGGG
		REVERSE	TAAAGCGGCCGCGGAAGCTGTTGCATGGAGAGC

Table S2 EVI5L, circRNA-006258 and miR-574-5p sequences

miR-574-5p	TGAGTGTGTGTGTGTGAGTGTGTG
EVI5L	TTCACAGACAGTGCTGTGACCTTACCCTGCTCACAGCTGAGGAGCCT GACCACCATGGCGAGCCCCACTCTGAGCCCCGACTCCTCATCCCAGG AGGCCCTGTCAGCCCCTACCTGCTCCCCCACCTCTGACTCCGAGAAC CTCAGCCCCGATGAGTTGGAGCTGCTGGCCAAGCTTGAAGAGCAGA ACCGGCTACTGGAGGCCGACTCCAAGTCCATGCGCTCCATGAATGGC TCCCGGCGGAACAGCGGCTCCTCGCTGGTGTCCAGCTCCTCAGCCTC CTCCAACCTGAGCCACCTGGAGGAGGACACGTGGATTCTGTGGGGCC GGATTGCCAATGAGTGGGAGGAGTGGCGACGCCGGAAGGAGAAGCT GCTGAAGGAGCTGATCCGCAAGGGCATCCCACACCACTTCCGGGCC ATCGTCTGGCAGCTCCTGTGCAGTGCCACAGACATGCCGGTTAAGAA CCAGTACTCAGAGCTGCTCAAGATGTCGTCCCCCTGCGAGAAGCTCA TCCGCAGGGACATCGCCCGCACCTACCCAGAGCACGAGTTCTTCAAG GGCCAGGACAGCCTAGGCCAGGAGGTCCTCTTCAATGTCATGAAGG CCTACTCGCTGGTGGACCGGGAGGTGGGCTACTGCCAGGGCAGCGC CTTCATCGTGGGCCTGCTGCTCATGCAGATGCCTGAGGAGGAGGCCT TCTGTGTGTTCGTGCGGCTGATGCAGGAGTACCGCCTACGGGAGCTC TTCAAGCCCAGCATGGCCGAGCTGGGGCTCTGCATCTACCAGTTTGA ATACATGTTACAGGAGCAGCTCCCGGACCTGAACACCCACTTCCGCT CCCAGAGCTTCCACACGTCCATGTATGCCTCGTCCTGGTTCCTCACAC TCTTCCTCACCACCTTCCCACTGCCCGTCGCCACCCGTGTGTTTGACA TCTTCATGTACGAGGGCCTGGAGATCGTCTTCCGGGTGGGCCTCGCC CTGCTGCAGGTGAACCAGACGGAGCTGATGCAGCTGGACATGGAGG GGATGTCCCAGTACTTCCAGAGGGTGATCCCCCATCAGTTCGACAGC TGTCCAGATAAGCTGATCCTCAAGGCTTACCAGGTCAAGTACAACCC CAAGAAGATGAAGAGGCTGGAGAAGGAGTATGCGGCCATGAAGAG C AAGGAAATGG AGGAGCAGAT TGAGATCAAGAGGCTTCGGA CGGAGAACCGGCTCCTGAAGCAGCGGATCGAGACCCTGGAGAAGGA

	GAGCGCTGCTCTGGCTGATAGGTTAATACAGGGGCAGGTGACGCGC
	GCACAGGAGGCAGAGGAGAACTACGTCATCAAGCGGGAACTGGCTG
	TGGTGCGGCAGCAGTGCAGCTCGGCGGCCGAAGACCTGCAGAAGGC
	GCAGAGCACAATCCGGCAGCTGCAGGAGCAGCAGGATAACCCGCGC
	CTCACCGAAGACTTTGTGGCCCACCTGGAGACGGAGCTGGAGCAGTC
	ACGGCTTCGGGAGACCGAGACCCTGGGGGCACTTCGGGAGATGCAG
	GACAAGGTTCTGGACATGGAAAAGAGGAACAGCTCGCTGCCCGACG
	AGAACAACGTGGCTCGGCTTCAGGAGGAGCTGAAGGCGCTCAAGGT
	TCGGGAGGGTGAGGCGGTGGCCTCGGCGCGGGAGCTGAAGCTGCAG
	CTGCAGGAGCTCTCGGACACCTGGCAGGCCCACCTGTCCCGCGGTGG
	CCGCTGGAAGGAGTCCCCGCGGAAGTTGGTCCTGGGCGAGCTGCAG
	GACGAGCTGATGAGCGTGCGGCTGCGCGAGGCCCAGGCGCTGGCCG
	AGGGTCGAGAGCTGCGGCAGCGCGTGGTGGAGCTCGAGACGCAGGA
	CCATATCCACCGCAACCTGCTGAACCGTGTGGAGGCTGAGCGCGCGG
	CGCTGCAAGAGAAGCTGCAGTACCTGGCGGCGCAGAACAAGGGGCT
	GCAGACGCAGCTCAGCGAGAGCCGCCGCAAGCAGGCGGAGGCCGAG
	TGCAAGAGCAAGGAGGAGGTGATGGCCGTGCGCCTGCGGGAGGCGG
	ACAGCATGGCGGCGGTGGCCGAGATGCGGCAGCGCATCGCCGAGCT
	GGAGATCCAGAGAGAGGAGGGCCGCATCCAGGGCCAGCTGAACCAC
	TCGGACTCGTCGCAGTACATCCGCGAGCTCAAGGATCAGATCGAGG
	AGCTGAAGGCCGAGGTGCGGCTGCTGAAGGGTCCGCCGCCCTTTGA
	GGACCCGCTGGCCTTCGACGGGCTGGGCCTGGCGCGGCACCTGGAC
	GAGGACTCACTGCCGTCGTCCGACGAGGAGCTGCTGGGCGTGGGCG
	TGGGCGTGGGCGCCGCGCTGCAGGATGCGCTCTACCCGCTGTCCCCG
	CGCGACGCGCGCTTCTTCCGCCGGCTGGAGAGGCCGGCCAAGGACA
	GTGAGGGCAGCTCCGACAGCGACGCCGACGAGCTGGCTGCGCCCTA
	CAGCCAGGGCCTGGACAACTGAGGCCGTGCCCCGCGTGCTCGGAGC
	CAGGGCGCGGGGGTAGGCGGGTGGGCCGCCGCCAGCCCGCTCCTGC
	GTGGGCGCCAGCTCTTCACTGACTCCACGCCCTCGGCGGTTTCACCC

	ACCCAGAGGGCCAGGCCCAGCACACAGCTGGGCACAGAGGGCAGGG CCGGAGGCTGGGGATCCTCACAGTGCCCTGGCAGGCCCACCCTCCCC AGCAGTGTTTACCCATCTTGGTCCGTTCCCTTCTCGGCCCGTTTACCT GGAAGGTCTGCCTCTCTTAACAGCCAGGGCCAGGAGGACCCAAGGG TCCCAGGACTGCACCAACGGACGCTCCCTCTCCTAGCTGGCCTCCTC CTGGGACAACAGCGGCCCTGCCGGGAAGGGCCCAGGCTCTGGGGCA GGCCTGAGGAAGAAGGTGCCCCTGTAGGCCAGACTTTACCACCCATG AAGGCCCTGGGGACCCTTGGCCTCTGGAGATAGATGGCCAGGCACT GCCTGGTGCAGGCATTGTGGCCCCTGCAACAGAAACCAAAGTCCCCC CTACTGAGTGCAGGGCTGCCAGGGTGTGAGCGGCTAGCTGGAACCA GCCAGGGCCTGGGCAGTACCTGTCCCTATTTCCTAGAGGCCAGAGCA GCTGTAAGGAAGTGGAGAGACCTCCCCCTCCCCAGCACCCCACCTCT TCCTCTGTGGCAGCCCCATCACCCCAGCTTGGCCAGTGACGGGGGGA GAGGAGCTCCCCATGCAGGCTAGCCTCCTCTCCAGGGGATCCCCAGC CTCCAAGTCCCTTCCTCCTCTGTATCCCTAGCCCCACCCTCCAGCCCC AGGGGAGGAGGCCTCCTGGCTGAGTTCCCCCCACAACCTGCTCACAG TGGTCCCGTGGTCTCTGCTGAGTCAGAGCCAAGAACGGTGCCAAAGT CCAACGATGCCCCCAGATCCAACCCCCCGGGACCTCATGACCCCCGG GCTGACCTTCTCGGTGCTCCTGGAGCCTAGAACAGCATCACAAACAG TCCCCCTGGCGCTTCCTGGGGTGGAGATCCATGCTCAGTCCCCCCTTC CCGGTCGCCCACTCAGTGTTACAAAGCCTGGGGACCAGGGTGGGCAT CCCAGGGGCTCACCCACATGCCCCCCGCACTGCCCACCACCATTTTG CACACTGCCTGTTCACACTCCACATGTCGCCCAGGCAGGAAAGATGG AAAATAAAGTGTATTTACACAGTCA

circ-006258	GCAGTGGCGTGGAACACGCTGGCCAGGTACAGGTCCTTCTTGCCCGA CATGCGAGACAGGTCTGCCTTGTTCTTGTCGATGGCCTCGGTCAGAC CCAGCCCAGCCAAGTGTTTCTGTAGAACCAGGTGGATGATGGTGAAG CCATGGTAGGCAAAGTTCCTAGCCCCTTACCCTCCACCCACACCACC CACTGTCTCTCTTCTTCTCTGAGCAGAAGTCACCATTCCCTGGCCACC TTCTGTGTGCCAGACATGGTGTGGAAACTGCAAACCACTTTCCTAAT TCTTGACAGCCCTGCAAGAGCTTCCAATCACCACTTCACAGATGAGG AAACCAAGACTCAGGGGGAAAAGGCAGAATATATGCCTGGACCCAC TGAGCAGTCTTGACCTGTGGTATGAGTAGTAGACAGCCAGCATCGGC CTCCCCTGGGGGCTTATATGAAATGCACGTTTTCTGCTCCAGCCCAG AGCCTCTGAATCACAGTGTCTGTAGGTAGACCAGGAACCCTTCTTAA CCAACTCTCCAGGTAATTCTTGACACACTCATGTTTGAGAAAGACTG ACCTAAGGACAGCTCTGACCACATCACTCTGGGGCTTAAAATCTTTC CAGAGTGATATGAAGGCTGGGATTTGCTTCAAGATAACCTGATGGGT GTGATAGTTGATGTTGAGTGATGGATACATGAGGGTTCCTTACATTA ATCTATTTTTAATATATGTTAATGTATTTCCATAGTATCTCAAAAGTT AACACACACACACACACTCTCTCTCTCTCTTCTCTCTCTCTTTCCAAG GCTCTGCACAGCCCCTGGAAGCCAAGGACAAGCTCTTTCCTAGGAAG TGTGCTTGCATCACAGTTTCACCCCTAGCATGTACCACTCTGCTCTCC ATGCAACAGCTTCCCTGAAACTGCCTCCTCAATAGCATCTTTGTGTCT ACCCTGTCTCTGTAAGGCCCTTTAGACGCCACGTCTTCTGGGGAGCC TTCCCAGCCCCACAAGACTGGAGCCACGCAGCCCTGGCCTCGCTCTA TCAGTATATGGTCCTGTTGTCTCTCCCACCTGGCTCGGTGCTCCCTCA AGGCAGGGCCCATGTTTGGGGCTCACCCTGCTCTCAGTGCAGAAGAG GCGGTGGTAAAGAACTGTCGGCTGAGTGAACAGCTGCCCTCAGGGC CCAGCTTCTGGAGGACAGTGCACCTCCCCAGCATGGCCAAACCGGCC TGATACCTAGGGGCCTGAGAGTCCAGGTGTCCCGAGAGAGGCATTC GAGGCCCAGCTATTCCAGTCCCCATGACTTTGCACAAATTACCACTT GGAATTTTCCACCTCCATCTACTGTAGGGTGGTAGACAGTGTGTCCA CCCAGCGTGCCAGGAAAACACGGGAGAAAGAAGACGAGTCAGGTG ATGGCAACTGCAGAACGGGCTGGGGGAGTGTCAGAACAAGCCCAGG AGGGAGACGGGTGTGGCTTCTCTCTGGAAACCTCATGCTGTCTACCG CACAGACCACACAAGTTCTACCAGCCTCCAGCTTGG AGTCTAAGCCCCATCTCATCTCAAGCTTTCTCCTCCACACTCCCTCAG CAGCAAGTCTGAATCAATTCTGCAGGCAAGCGATCACCTACAGAAA CGTTTCTGGAACCTAAGGGAGGAATGAGATGAAAGTTTTCCTTTTTG AACAGAGAAAAAAAAAAAAATCTCTCCTGATTGACAGAAAGGCCAC CCTGAGTCTCCACCTGAGAACTGCAGCCCCAGCACTTACTATCCAGG GTAACCTGAGCAAGTCACTGCTTCTCTCTGAGCTGCTGCCCACCACC CAGGGTGGTCATGAGGGGGAAACGATGCTTAGCAGGTTGGTTAAGT TTCCAACCAAGTGACTCAGAGCTGAAAGCTATTATTAGTCTTACTAG TGCATGGGGAACAATCCTCCAGCTTGAATAGTGGAGGCATACCCTAG AGACATTGCGGGTTTGGTTCCAGACCACCACAATGAAGTGAATATTG CAATAAGTGAGTCACACAAATTTTTTGCTTTCCCGATGCATATAAAC

	GTTATGTTTGCACTATAGTCTATCAAGTCTGCAACAGCATTATCCCTT AAAACAATGTATGTACCTTAATTAAAAATGTTTCATTGCTAAAAATG CTAACCATCATCTGAGTCTTTAGGGAGCTGTAATCTTTTGCTGGTGGA GGGTTTGAAATATTGAGAGAATTACCAAAATGGGACCCAGAGACAT GAAATGAGCAAACGCTGTTGGAAAAGTGGAGCCAGACTTGCTTGAT GTAGAGTTGCCATAAATCTTCAAAAATTTGTAAAAAAAAAAAAATTG CAATAAAGAAAAGCACGATAAAATGAGGTATGCCTACACCTTGTGC TAAGAGGCAGCACAATGTAAGATTAAGGACATGGCTTGATGCTAAA TGTCTGAGTTAGTGACTGTATGACTCTGGATAAGTTATTCAACTTTTC TGAGCCTCAGTTTCCTCATCTGTAAGATAAGGCTGATAGTCCTGCCT AATATGGTGTTGAGGATTAAGAATTTAACACATGCAGAGTGCTTAGG AAGTGTGCCTGGCACACAGCAGGTGCTCAATTATACTTAAGTATTGA TGTTGTCACCATCTTCCCAAAGGCAGGGACCCATGCCCCCCTCCCTT GGCACAGCCCAGTACTGCCTGGACACCCAGAGGGGCTCAGGACAGA CCCGCTGAGCTGGTGACAGACCACCCCCCTGCCCAACTCTAAGCCCT GCAGGCCCCTGAGTTGGGCCTCCCCTCACCTGCAGGTCGTGGGTCAC CTCCACGACTCCCTTGGGCAGGGAGATGGCTACAGCCTTCTTCTGCA TCTTGCCCATCCAGACCTTCAGCTGCTCTTTGGTCAGCAGCTTTTCCA GGCGCTCAAGGGGCTCCACGTGGTGGGGCATGATGATGATGAGGCT GGACAGCTTGTGCGCCAGCGGCATCTCCACCATCTGCAGCTTCTCCT TCTCGTCGTCATAGTA