

Apoptosis of porcine Sertoli cells is inhibited by QKI-5 via regulating *CASP8*

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Supplementary Online Material (SOM)

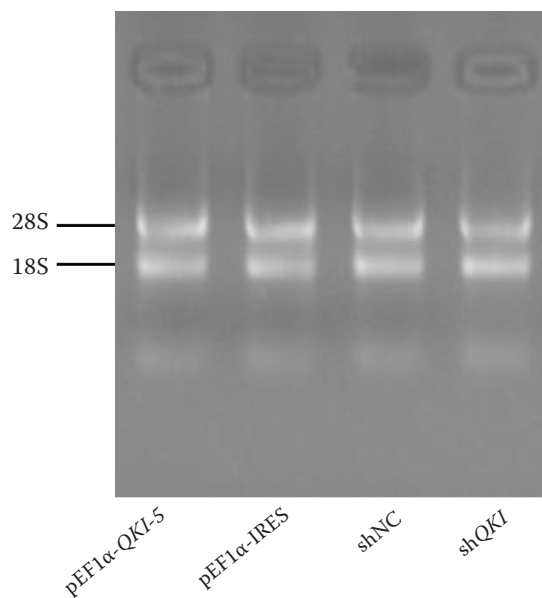


Figure S1. RNA electropherogram

QKI-5	ATGGTCGGGGAAATGGAACGAAGGAG	AAGCCGAAGCCCACCCAGATTAC	TGATGCAGCTGATGAACGACAAGAAGCT	80											
production-1	ATGGTCGGGGAAATGGAACGAAGGAG	AAGCCGAAGCCCACCCAGATTAC	TGATGCAGCTGATGAACGACAAGAAGCT	80											
QKI-6	ATGGTCGGGGAAATGGAACGAAGGAG	AAGCCGAAGCCCACCCAGATTAC	TGATGCAGCTGATGAACGACAAGAAGCT	80											
production-2	ATGGTCGGGGAAATGGAACGAAGGAG	AAGCCGAAGCCCACCCAGATTAC	TGATGCAGCTGATGAACGACAAGAAGCT	80											
QKI-7	ATGGTCGGGGAAATGGAACGAAGGAG	AAGCCGAAGCCCACCCAGATTAC	TGATGCAGCTGATGAACGACAAGAAGCT	80											
production-3	ATGGTCGGGGAAATGGAACGAAGGAG	AAGCCGAAGCCCACCCAGATTAC	TGATGCAGCTGATGAACGACAAGAAGCT	80											
QKI-5	CATGAGCAGCCTGCCCAACTTCTGCGGGATCTTCAACCACCTCGAGCGGCTGCTGGACGAAGAAATTAGCAGAGTACGGA			160											
production-1	CATGAGCAGCCTGCCCAACTTCTGCGGGATCTTCAACCACCTCGAGCGGCTGCTGGACGAAGAAATTAGCAGAGTACGGA			160											
QKI-6	CATGAGCAGCCTGCCCAACTTCTGCGGGATCTTCAACCACCTCGAGCGGCTGCTGGACGAAGAAATTAGCAGAGTACGGA			160											
production-2	CATGAGCAGCCTGCCCAACTTCTGCGGGATCTTCAACCACCTCGAGCGGCTGCTGGACGAAGAAATTAGCAGAGTACGGA			160											
QKI-7	CATGAGCAGCCTGCCCAACTTCTGCGGGATCTTCAACCACCTCGAGCGGCTGCTGGACGAAGAAATTAGCAGAGTACGGA			160											
production-3	CATGAGCAGCCTGCCCAACTTCTGCGGGATCTTCAACCACCTCGAGCGGCTGCTGGACGAAGAAATTAGCAGAGTACGGA			160											
QKI-5	AAGACATGTACAATGACACATTTAAATGGCAGTACAGAGAAAAGGAGTGCAGA	TTGCCTGATGCTGTGGGACCTATTGTT		240											
production-1	AAGACATGTACAATGACACATTTAAATGGCAGTACAGAGAAAAGGAGTGCAGA	TTGCCTGATGCTGTGGGACCTATTGTT		240											
QKI-6	AAGACATGTACAATGACACATTTAAATGGCAGTACAGAGAAAAGGAGTGCAGA	TTGCCTGATGCTGTGGGACCTATTGTT		240											
production-2	AAGACATGTACAATGACACATTTAAATGGCAGTACAGAGAAAAGGAGTGCAGA	TTGCCTGATGCTGTGGGACCTATTGTT		240											
QKI-7	AAGACATGTACAATGACACATTTAAATGGCAGTACAGAGAAAAGGAGTGCAGA	TTGCCTGATGCTGTGGGACCTATTGTT		240											
production-3	AAGACATGTACAATGACACATTTAAATGGCAGTACAGAGAAAAGGAGTGCAGA	TTGCCTGATGCTGTGGGACCTATTGTT		240											
QKI-5	CAGTTACAAGAGAAAACCTTTATGTGCCTGTAAAAGAATACCCAGATTTTAATTTTGTGGGAGA	TCCTTGGACCTAGAGG		320											
production-1	CAGTTACAAGAGAAAACCTTTATGTGCCTGTAAAAGAATACCCAGATTTTAATTTTGTGGGAGA	TCCTTGGACCTAGAGG		320											
QKI-6	CAGTTACAAGAGAAAACCTTTATGTGCCTGTAAAAGAATACCCAGATTTTAATTTTGTGGGAGA	TCCTTGGACCTAGAGG		320											
production-2	CAGTTACAAGAGAAAACCTTTATGTGCCTGTAAAAGAATACCCAGATTTTAATTTTGTGGGAGA	TCCTTGGACCTAGAGG		320											
QKI-7	CAGTTACAAGAGAAAACCTTTATGTGCCTGTAAAAGAATACCCAGATTTTAATTTTGTGGGAGA	TCCTTGGACCTAGAGG		320											
production-3	CAGTTACAAGAGAAAACCTTTATGTGCCTGTAAAAGAATACCCAGATTTTAATTTTGTGGGAGA	TCCTTGGACCTAGAGG		320											
QKI-5	ACTTACAGCAAAACCTTGAAGCAGAAACCCGGATGTAA	ATCATGGTCCGAGGCAAAGGCTCAATGAGGGATAAAAA		400											
production-1	ACTTACTGCTAAACAGCTTGAAGCAGAAACCCGGATGTAA	ATCATGGTCCGAGGCAAAGGCTCAATGAGGGATAAAAA		400											
QKI-6	ACTTACAGCAAAACCTTGAAGCAGAAACCCGGATGTAA	ATCATGGTCCGAGGCAAAGGCTCAATGAGGGATAAAAA		400											
production-2	ACTTACTGCTAAACAGCTTGAAGCAGAAACCCGGATGTAA	ATCATGGTCCGAGGCAAAGGCTCAATGAGGGATAAAAA		400											
QKI-7	ACTTACAGCAAAACCTTGAAGCAGAAACCCGGATGTAA	ATCATGGTCCGAGGCAAAGGCTCAATGAGGGATAAAAA		400											
production-3	ACTTACTGCTAAACAGCTTGAAGCAGAAACCCGGATGTAA	ATCATGGTCCGAGGCAAAGGCTCAATGAGGGATAAAAA		400											
QKI-5	AGGAGGAGCAAAATGAGGCAAGCCAAATGGGAGCATCT	AATGAAGATTTACATGTACT	ATCACTGTGGAAGATGCT	480											
production-1	AGGAGGAGCAAAATGAGGCAAGCCAAATGGGAGCATCT	AATGAAGATTTACATGTACT	ATCACTGTGGAAGATGCT	480											
QKI-6	AGGAGGAGCAAAATGAGGCAAGCCAAATGGGAGCATCT	AATGAAGATTTACATGTACT	ATCACTGTGGAAGATGCT	480											
production-2	AGGAGGAGCAAAATGAGGCAAGCCAAATGGGAGCATCT	AATGAAGATTTACATGTACT	ATCACTGTGGAAGATGCT	480											
QKI-7	AGGAGGAGCAAAATGAGGCAAGCCAAATGGGAGCATCT	AATGAAGATTTACATGTACT	ATCACTGTGGAAGATGCT	480											
production-3	AGGAGGAGCAAAATGAGGCAAGCCAAATGGGAGCATCT	AATGAAGATTTACATGTACT	ATCACTGTGGAAGATGCT	480											
QKI-5	CAGAACAGAGCAGAAATCAAA	TGAAGAGAGC	GTGGAAGTG	AGAAATTA	TGGTACCTGCAGCAGAGGGAGAAGA	560									
production-1	CAGAACAGAGCAGAAATCAAA	TGAAGAGAGC	GTGGAAGTG	AGAAATTA	TGGTACCTGCAGCAGAGGGAGAAGA	560									
QKI-6	CAGAACAGAGCAGAAATCAAA	TGAAGAGAGC	GTGGAAGTG	AGAAATTA	TGGTACCTGCAGCAGAGGGAGAAGA	560									
production-2	CAGAACAGAGCAGAAATCAAA	TGAAGAGAGC	GTGGAAGTG	AGAAATTA	TGGTACCTGCAGCAGAGGGAGAAGA	560									
QKI-7	CAGAACAGAGCAGAAATCAAA	TGAAGAGAGC	GTGGAAGTG	AGAAATTA	TGGTACCTGCAGCAGAGGGAGAAGA	560									
production-3	CAGAACAGAGCAGAAATCAAA	TGAAGAGAGC	GTGGAAGTG	AGAAATTA	TGGTACCTGCAGCAGAGGGAGAAGA	560									
QKI-5	CAGCCTGAAGAAGATGCAGCTGATGGAGCTTGGATTCT	AATGGCACCTACAGAGATGCCAACATTAATCACCAGCCC		640											
production-1	CAGCCTGAAGAAGATGCAGCTGATGGAGCTTGGATTCT	AATGGCACCTACAGAGATGCCAACATTAATCACCAGCCC		640											
QKI-6	CAGCCTGAAGAAGATGCAGCTGATGGAGCTTGGATTCT	AATGGCACCTACAGAGATGCCAACATTAATCACCAGCCC		640											
production-2	CAGCCTGAAGAAGATGCAGCTGATGGAGCTTGGATTCT	AATGGCACCTACAGAGATGCCAACATTAATCACCAGCCC		640											
QKI-7	CAGCCTGAAGAAGATGCAGCTGATGGAGCTTGGATTCT	AATGGCACCTACAGAGATGCCAACATTAATCACCAGCCC		640											
production-3	CAGCCTGAAGAAGATGCAGCTGATGGAGCTTGGATTCT	AATGGCACCTACAGAGATGCCAACATTAATCACCAGCCC		640											
QKI-5	TTGCC	TTTTCTTGGC	CAACAGCCCAGGCTGCTCCAAGGAT	ATTACTGGGCTGCGCC	GTCTCCACCAGCTGCC	720									
production-1	TTGCC	TTTTCTTGGC	CAACAGCCCAGGCTGCTCCAAGGAT	ATTACTGGGCTGCGCC	GTCTCCACCAGCTGCC	720									
QKI-6	TTGCC	TTTTCTTGGC	CAACAGCCCAGGCTGCTCCAAGGAT	ATTACTGGGCTGCGCC	GTCTCCACCAGCTGCC	720									
production-2	TTGCC	TTTTCTTGGC	CAACAGCCCAGGCTGCTCCAAGGAT	ATTACTGGGCTGCGCC	GTCTCCACCAGCTGCC	720									
QKI-7	TTGCC	TTTTCTTGGC	CAACAGCCCAGGCTGCTCCAAGGAT	ATTACTGGGCTGCGCC	GTCTCCACCAGCTGCC	720									
production-3	TTGCC	TTTTCTTGGC	CAACAGCCCAGGCTGCTCCAAGGAT	ATTACTGGGCTGCGCC	GTCTCCACCAGCTGCC	720									
QKI-5	CTGCGTACTCTACGCC	AGCTGGCCCTACCATAATGCCTTTGATCAGACA	ATACAGACCGCTGCATGCCAAACCGGAAC		800										
production-1	CTGCGTACTCTACGCC	AGCTGGCCCTACCATAATGCCTTTGATCAGACA	ATACAGACCGCTGCATGCCAAACCGGAAC		800										
QKI-6	CTGCGTACTCTACGCC	AGCTGGCCCTACCATAATGCCTTTGATCAGACA	ATACAGACCGCTGCATGCCAAACCGGAAC		800										
production-2	CTGCGTACTCTACGCC	AGCTGGCCCTACCATAATGCCTTTGATCAGACA	ATACAGACCGCTGCATGCCAAACCGGAAC		800										
QKI-7	CTGCGTACTCTACGCC	AGCTGGCCCTACCATAATGCCTTTGATCAGACA	ATACAGACCGCTGCATGCCAAACCGGAAC		800										
production-3	CTGCGTACTCTACGCC	AGCTGGCCCTACCATAATGCCTTTGATCAGACA	ATACAGACCGCTGCATGCCAAACCGGAAC		800										
QKI-5	TCC	TCACCCA	ACTGCTGCAATAGTTCC	TCCAGGGCCC	GAAGCTGGTTAATCTA	TACACCC	TATGAGTACC	CTACAC	NT	880					
production-1	TCC	TCACCCA	ACTGCTGCAATAGTTCC	TCCAGGGCCC	GAAGCTGGTTAATCTA	TACACCC	TATGAGTACC	CTACAC	NT	880					
QKI-6	TCC	TCACCCA	ACTGCTGCAATAGTTCC	TCCAGGGCCC	GAAGCTGGTTAATCTA	TACACCC	TATGAGTACC	CTACAC	NT	880					
production-2	TCC	TCACCCA	ACTGCTGCAATAGTTCC	TCCAGGGCCC	GAAGCTGGTTAATCTA	TACACCC	TATGAGTACC	CTACAC	NT	880					
QKI-7	TCC	TCACCCA	ACTGCTGCAATAGTTCC	TCCAGGGCCC	GAAGCTGGTTAATCTA	TACACCC	TATGAGTACC	CTACAC	NT	880					
production-3	TCC	TCACCCA	ACTGCTGCAATAGTTCC	TCCAGGGCCC	GAAGCTGGTTAATCTA	TACACCC	TATGAGTACC	CTACAC	NT	880					
QKI-5	TGGCACCAGCTACATCAATCCTTGAGTAT	CCTATTGAACTAGTGGTGTATTAGGTT	GGTCTACT	AAAGTTCC	AGG	960									
production-1	TGGCACCAGCTACATCAATCCTTGAGTAT	CCTATTGAACTAGTGGTGTATTAGGTT	GGTCTACT	AAAGTTCC	AGG	960									
QKI-6	TGGCACCAGCTACATCAATCCTTGAGTAT	CCTATTGAACTAGTGGTGTATTAGGTT	GGTCTACT	AAAGTTCC	AGG	960									
production-2	TGGCACCAGCTACATCAATCCTTGAGTAT	CCTATTGAACTAGTGGTGTATTAGGTT	GGTCTACT	AAAGTTCC	AGG	960									
QKI-7	TGGCACCAGCTACATCAATCCTTGAGTAT	CCTATTGAACTAGTGGTGTATTAGGTT	GGTCTACT	AAAGTTCC	AGG	960									
production-3	TGGCACCAGCTACATCAATCCTTGAGTAT	CCTATTGAACTAGTGGTGTATTAGGTT	GGTCTACT	AAAGTTCC	AGG	960									
QKI-5	AA	GG	TTG	GTGT	TT	CTTACCAAAGGAT	TG	TGACCCG	CAGACCCG	AGCCCGCC	ACC	CGCAAC	TA	...	1026
production-1	AA	GG	TTG	GTGT	TT	CTTACCAAAGGAT	TG	TGACCCG	CAGACCCG	AGCCCGCC	ACC	CGCAAC	TA	...	1026
QKI-6	960
production-2	960
QKI-7	GA	TT	TT	GG	TTG	978
production-3	GA	TT	TT	GG	TTG	978

Figure S2. A detailed comparison of the sequences