

Gga-let-7f-3p promotes apoptosis in selenium deficiency-induced skeletal muscle by targeting

Selenoprotein K

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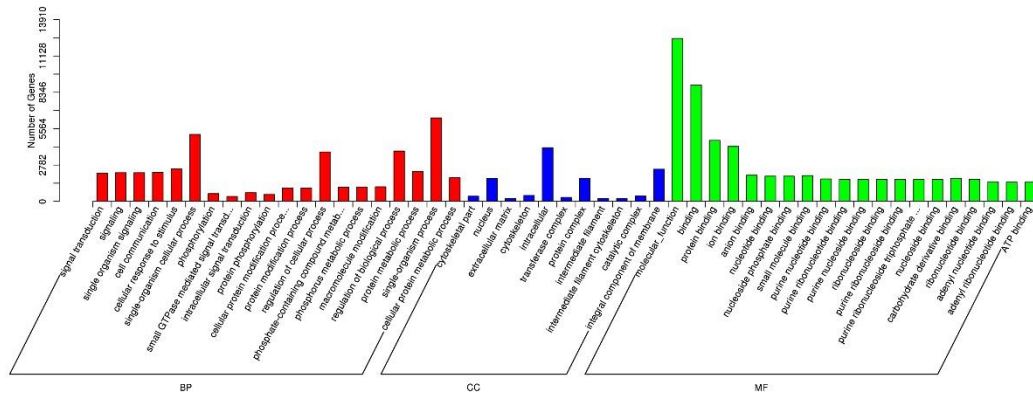
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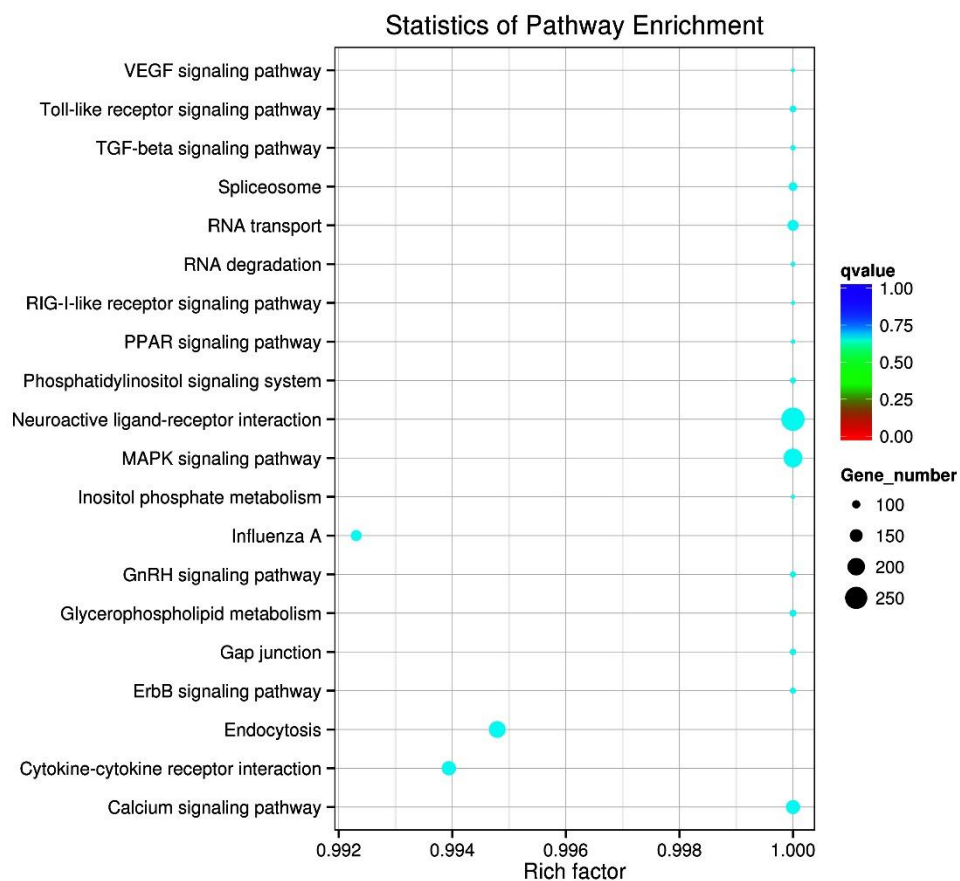
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Supplementary Figure 1

A



B



Supplementary Figure 1 GO enrichment and KEGG pathway analyzes for the targets of SDEmiRs.

(A) GO enrichment for the targets of SDEmiRs. X coordinate was the GO term from sub-levels of three primary types of GO enrichment. Y coordinate was the number of candidate genes from each term. (B) KEGG pathway analyzes for the targets of SDEmiRs. X coordinate was Rich factor, Y coordinate was the pathway names, the size of dot indicated the number of the target genes, and the color indicated the Q value.

Supplementary Table 1 The primers used in the present study.

Gene		Primers (5'-3')
gga-let-7a-2-3p	Sense	CTGTACAACCTCCTAGCTTTC
gga-let-7g-3p	Sense	CTGTACAGGCCACTGCCTT
gga-let-7f-3p	Sense	GCTATACAATCTATTGCCTTCCC
U6	Sense	CACGCAAATTCGTGAAGCGTTCCA

Supplementary Table 2 SDEmiRs were identified between C group and -Se group.

sRNA	Log2FC	p.value	style
gga-miR-10a-5p	0.5221	0.0000	up
gga-miR-122-5p	1.0645	0.0000	up
gga-miR-34b-5p	2.5173	0.0001	up
gga-miR-196-5p	0.7726	0.0004	up
gga-miR-34c-5p	2.3424	0.0050	up
gga-miR-460a-5p	0.8243	0.0143	up
gga-miR-10a-3p	0.6310	0.0218	up
gga-miR-460b-5p	1.2974	0.0336	up
gga-miR-489-3p	0.8143	0.0344	up
gga-miR-196-1-3p	3.2543	0.0022	up
gga-miR-29c-3p	0.8235	0.0021	up
gga-miR-449a	3.2543	0.0022	up
gga-miR-29a-3p	0.7949	0.0023	up
gga-let-7a-2-3p	0.7949	0.0063	up
gga-let-7f-3p	0.5725	0.0063	up
gga-let-7g-3p	1.3798	0.0068	up
gga-miR-122-3p	1.0579	0.0048	up
gga-miR-128-2-5p	0.7949	0.0073	up
gga-miR-130c-3p	0.5319	0.0030	up
gga-miR-1329-3p	1.7949	0.0058	up
gga-miR-137-3p	1.6022	0.0049	up
gga-miR-1451-3p	0.7949	0.0063	up
gga-miR-1563	0.9104	0.0050	up
gga-miR-1569	1.0173	0.0060	up
gga-miR-1666	0.7949	0.0081	up
gga-miR-1712-3p	2.1168	0.0049	up
gga-miR-1727	0.7949	0.0081	up
gga-miR-1736-3p	1.7949	0.0058	up
gga-miR-1769-5p	0.7949	0.0073	up
gga-miR-1773-3p	0.7949	0.0081	up
gga-miR-1782	0.7949	0.0081	up
gga-miR-1805-3p	0.9324	0.0053	up
gga-miR-1805-5p	0.7949	0.0081	up
gga-miR-190a-3p	1.0579	0.0048	up
gga-miR-222b-3p	0.7949	0.0059	up
gga-miR-222b-5p	0.7949	0.0068	up
gga-miR-23b-5p	1.3798	0.0068	up
gga-miR-29a-5p	0.7949	0.0081	up
gga-miR-29b-3p	1.2543	0.0029	up
gga-miR-34c-3p	0.7949	0.0073	up
gga-miR-460b-3p	2.6022	0.0037	up

gga-miR-489-5p	1.7949	0.0043	up
gga-miR-490-3p	0.7949	0.0073	up
gga-miR-6544-3p	0.7949	0.0073	up
gga-miR-6550-3p	0.5319	0.0077	up
gga-miR-6590-3p	1.7949	0.0058	up
gga-miR-6648-3p	0.7949	0.0081	up
gga-miR-6701-3p	2.3798	0.0043	up
gga-miR-7460-3p	0.7949	0.0081	up
gga-miR-7465-3p	0.7949	0.0081	up
novel_191	0.7949	0.0081	up
novel_215	0.7949	0.0068	up
novel_238	2.1168	0.0049	up
novel_249	0.7949	0.0081	up
novel_276	0.7949	0.0056	up
novel_328	1.1168	0.0064	up
novel_344	0.7949	0.0081	up
gga-miR-215-5p	-3.6723	0.0000	down
gga-miR-194	-3.7305	0.0000	down
gga-miR-7b	-9.2149	0.0000	down
gga-miR-1b-3p	-0.6356	0.0000	down
gga-miR-128-3p	-0.5196	0.0000	down
gga-miR-6606-5p	-4.1805	0.0049	down
gga-miR-375	-2.4068	0.0067	down
gga-miR-130b-3p	-0.5832	0.0380	down
gga-miR-1416-5p	-0.6300	0.0709	down
gga-miR-205a	-1.5884	0.0012	down
gga-miR-215-3p	-2.7287	0.0014	down
gga-miR-222a	-0.5147	0.0014	down
gga-miR-3536	-3.7901	0.0021	down
gga-miR-217-5p	-1.0495	0.0024	down
gga-let-7c-3p	-1.6202	0.0056	down
gga-miR-106-3p	-0.5523	0.0048	down
gga-miR-124a-3p	-2.5270	0.0051	down
gga-miR-124c-5p	-2.2051	0.0060	down
gga-miR-1306-5p	-1.2692	0.0044	down
gga-miR-138-1-3p	-1.2051	0.0076	down
gga-miR-138-5p	-0.6202	0.0090	down
gga-miR-148a-5p	-0.9788	0.0038	down
gga-miR-1553-5p	-1.2051	0.0083	down
gga-miR-1557	-1.0125	0.0074	down
gga-miR-15b-3p	-1.6202	0.0056	down
gga-miR-15c-3p	-0.7901	0.0087	down
gga-miR-1603	-1.2051	0.0083	down
gga-miR-1605	-1.2051	0.0083	down

gga-miR-1608	-1.2051	0.0083	down
gga-miR-16-1-3p	-0.7901	0.0078	down
gga-miR-16-2-3p	-0.7076	0.0074	down
gga-miR-1635	-0.9421	0.0080	down
gga-miR-1676-5p	-0.7901	0.0087	down
gga-miR-1677-5p	-0.8832	0.0076	down
gga-miR-1682	-2.2051	0.0060	down
gga-miR-1684b-3p	-1.3426	0.0057	down
gga-miR-1707	-1.6202	0.0056	down
gga-miR-1731-5p	-0.9250	0.0055	down
gga-miR-17-3p	-0.6906	0.0077	down
gga-miR-1747-5p	-0.9827	0.0067	down
gga-miR-1768	-1.2051	0.0083	down
gga-miR-1779	-0.9421	0.0080	down
gga-miR-181b-2-3p	-0.5271	0.0091	down
gga-miR-187-3p	-0.9514	0.0040	down
gga-miR-193a-3p	-0.5271	0.0088	down
gga-miR-200a-5p	-1.6457	0.0036	down
gga-miR-204	-0.6708	0.0058	down
gga-miR-21-3p	-1.0125	0.0064	down
gga-miR-216b	-1.2692	0.0044	down
gga-miR-301a-3p	-1.0531	0.0069	down
gga-miR-33-3p	-0.7901	0.0075	down
gga-miR-33-5p	-0.6691	0.0051	down
gga-miR-3523	-0.7901	0.0051	down
gga-miR-3524a	-1.2755	0.0046	down
gga-miR-3525	-0.8046	0.0050	down
gga-miR-3533	-1.2051	0.0083	down
gga-miR-3540	-1.7901	0.0070	down
gga-miR-3607-3p	-0.6906	0.0084	down
gga-miR-365-2-5p	-0.5271	0.0070	down
gga-miR-455-3p	-0.5327	0.0069	down
gga-miR-458a-3p	-0.5381	0.0038	down
gga-miR-458b-5p	-0.5332	0.0039	down
gga-miR-6516-5p	-0.6202	0.0090	down
gga-miR-6548-3p	-2.2051	0.0060	down
gga-miR-6548-5p	-2.2051	0.0060	down
gga-miR-6549-5p	-1.2051	0.0083	down
gga-miR-6615-3p	-2.2051	0.0060	down
gga-miR-6615-5p	-0.5836	0.0083	down
gga-miR-7449-3p	-1.2051	0.0083	down
gga-miR-9-3p	-2.7901	0.0028	down
novel_145	-1.2051	0.0071	down
novel_204	-1.2051	0.0076	down

novel_240	-1.2051	0.0076	down
novel_241	-1.7901	0.0070	down
novel_257	-0.7901	0.0072	down
