

Fig S3.

PGC-1 β	MAGNDCGALLDEELSSFFLNLYLSDTQGGDSGEEQ-LCADLPELDLSQLDASDFDSATCLG	59
PGC-1 α	MAWDMCSQDSVWSDIECAALVGEDQPLCPDLPELDLSELDVNDLDTDSFLG	51
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PGC-1 β	ELQWCPETSETEPSQYSPDDSELFQ-IDSENEAL-LLAALTKTLDDIPEDDVGLAAFPELD	117
PGC-1 α	GLKWCSDQSEIISNQYNNEPANI FEKIDEENEANLLAVLTETLDSLVPVDEDGLPSFDALT	111
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PGC-1 β	EGDTPSCTPASAPLSAPPSPTLERLLSPASDVDELSLQKLLLATSSPTASSDALKDGA	177
PGC-1 α	DGAVTTDNEASPSM---PDGT-----PPPQEAEEPSLLKLLLLAPANTQLSYNECSGLS	163
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PGC-1 β	TWSQTSLS---RSQRPCVKVDGTQDKKTPTL---RAQSRPCTELHKHLTSVLPKPRVK	230
PGC-1 α	TQNHAAHNTHRIRTNPAIVKTENSWSNKAKSICQQKPKRRPCSELLKYLTTNDPPHTK	223
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PGC-1 β	ACSPTPHPSRLLSKEE-----EEEVGEDCPSW---LTPASPQDSLQDTASPDQAQPP	282
PGC-1 α	PTENRNRSDKCKSKSHTQPQSQHAQKPTTSLPLTPESPNDP---KGS PFEN---	276
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PGC-1 β	EEDVRAMVQLIRYMHTYCLPQRKLPQRAPEPIQACSSLSRQVQPRSRHPPKAFWTEFSI	341
PGC-1 α	-----	
PGC-1 β	LRELLAQDILCDVSKPYRLAIPVYASLTPQSRPRPKDSQASPAHSAMAEVBITASPKS	401
PGC-1 α	-----	
PGC-1 β	TGPRPSLRPLRLEVKRDVNKPTRQKREDEEEEEEEEEEEEEEEEEEWGRKRPGRGLP	461
PGC-1 α	-----	
PGC-1 β	WTKLGRKMDSSVCPVRRSRRLNPELGPWLFTFTDEPLGALPSMCLDTETHNLEEDLGS LTD	521
PGC-1 α	-----	
PGC-1 β	SSQGRQLPQGSQIPALESPCESGCGDTEDEDPSCPQPTSRDSSRCLMLALSQSDSLGKKS F	581
PGC-1 α	-----KTI	279
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PGC-1 β	EESLTVELCGTAGLTPPTTPPYKPMEEEDPFKPDTKLSPGQDTAPSLPSPEAL--PLTATP	639
PGC-1 α	ERTLSVELSGTAGLTPPTTPPHKANQDNPFKASPKLKPSCKT VVPPPTKRARYSECSGTQ	339
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PGC-1 β	GASHKLPKRHPERSELLSHLQHAT--TQPVSQAGQKRFSCSFGDHDYCVLRPEAALQR	697
PGC-1 α	G-SHST-KGPEQSELYAQLSKSSGLSRGHEERKTKRPSLRLFGDHDYQSLNSKTDILI	397
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PGC-1 β	KV---LRSWEPIGVHLEDLAQQGAPLPTETKAP---RR--EANQNCDPCHKDSMQLRDHE	749
PGC-1 α	NISQELQDSRQLDFKDASCWQGHICSSDTSQCYLRETLEASKQVSPCSTRK-QLQDQE	456
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PGC-1 β	IRASLTKHFGLLETALEGEDLASCKSPDYTFVFDSSSS-----SGES-SFLLEEEEE	802
PGC-1 α	IRAE LNKHFGHPCQAVF-DDKSDKTSELRDGDFSNEQFSKLPVFINSGLAMDGLFDDSED	515
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PGC-1 β	EEEGGEEDDEGEDS---GVSPPCSD-HCPYQ---SPP---SKASRQLCSRSRSSSGSS	851
PGC-1 α	ESDKLSYPWDGTQPYSLFDVSPSCSSFNPCRDVSPPKSLFSQRPQRMRSRSPYRHR	575
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PGC-1 β	SCS-----SWSPATRKN-----FRRESRGPCS-----DG	875
PGC-1 α	SCSRSPYSRSPGRSRSRSCYYYESSHYRHRTHRNSPLYVRSRSPYRPRYDS	635
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PGC-1 β	TPSVRHAR-----KRRE----KAIGEGRVVI RNLSSDMSSRELKKR	913
PGC-1 α	YEAYEHERLKRDEYRKEHEKRESEKQERERQKQKAIERRVIYVGKIRPDTTRTELDR	695
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PGC-1 β	FEVFGEIIVECQVLTTRSKRGQKHGFI TFR--CSEHAALSVRNGATLRKRNEPSFHLSYGG	971
PGC-1 α	FEVFGEIEECTVNLRDD-GDSYGFITYRYTCDFAAL--ENGYTLRRSNETDFELYFCGR	752
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PGC-1 β	RHFRWPRYTDYDPTSEESLPSSGKSKYEAMDFDSLKEAQQSLH	1014
PGC-1 α	KQFFKSNYADLDTNSDDFDPASTKSKYDSLDFDSLKEAQRSLRR	796
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