Pathway	Gene ranks	NES	pval	padj
EXTRACELLULAR_MATRIX_ORGANIZATION	The second of the second of t	3.14	6.4·10 ⁻³⁴	2.0·10 ⁻³¹
D_UPTAKE_BY_INSULIN_LIKE_GROWTH_FACTOR_BINDING_PROTEINS_IGFBPS	Mit minutes and a service of the control of the con	2.81	$1.1 \cdot 10^{-16}$	$2.6 \cdot 10^{-15}$
DEGRADATION_OF_THE_EXTRACELLULAR_MATRIX	Hammanum a manara and a second a	2.80	$2.1 \cdot 10^{-16}$	$4.9 \cdot 10^{-15}$
COLLAGEN_FORMATION	hm en en man de la	2.74	8.3·10 ⁻¹⁵	$1.7 \cdot 10^{-13}$
INTEGRIN_CELL_SURFACE_INTERACTIONS	Military Commence of the Comme	2.70	1.7·10 ⁻¹³	$3.1 \cdot 10^{-12}$
SLC_MEDIATED_TRANSMEMBRANE_TRANSPORT	http://www.maran.com/	2.64	1.3.10 ⁻¹⁴	2.6·10 ⁻¹³
LAMININ_INTERACTIONS	limi um i i ii	2.63	$4.0 \cdot 10^{-12}$	$7.1 \cdot 10^{-11}$
GLYCOSAMINOGLYCAN_METABOLISM	TOTAL COMMERCE CONTRACTOR CONTRAC	2.58	$3.9 \cdot 10^{-12}$	7.0-10 ⁻¹¹
COLLAGEN_BIOSYNTHESIS_AND_MODIFYING_ENZYMES	Limited and a control of the control	2.56	$6.6 \cdot 10^{-11}$	1.1·10 ⁻⁹
DISEASES_OF_GLYCOSYLATION	Unimary and the second of the	2.52	1.5·10 ⁻¹¹	2.6-10 ⁻¹⁰
COLLAGEN_DEGRADATION	Distriction of the second of t	2.52	2.3·10 ⁻¹⁰	3.5·10 ⁻⁹
CELL_SURFACE_INTERACTIONS_AT_THE_VASCULAR_WALL	km	2.51	$1.1 \cdot 10^{-10}$	1.7·10 ⁻⁹
ECM_PROTEOGLYCANS	Manager of the control of the contro	2.50	$3.1 \cdot 10^{-10}$	4.7·10 ⁻⁹
ASSEMBLY_OF_COLLAGEN_FIBRILS_AND_OTHER_MULTIMERIC_STRUCTURES	And the commence of the control of t	2.47	2.5·10 ⁻⁹	3.6·10 ⁻⁸
NON_INTEGRIN_MEMBRANE_ECM_INTERACTIONS	Burnance control of the control of t	2.44	$7.2 \cdot 10^{-9}$	9.6·10 ⁻⁸
DISEASES_OF_METABOLISM	In the contract of the contrac	2.42	2.0·10 ⁻¹²	$3.7 \cdot 10^{-11}$
RESPONSE_TO_ELEVATED_PLATELET_CYTOSOLIC_CA2	Institute of the second of the	2.39	5.5·10 ⁻⁹	7.5·10 ⁻⁸
ORT_OF_INORGANIC_CATIONS_ANIONS_AND_AMINO_ACIDS_OLIGOPEPTIDES	home and a second of the secon	2.36	6.8·10 ⁻⁸	8.2·10 ⁻⁷
DISEASES_ASSOCIATED_WITH_GLYCOSAMINOGLYCAN_METABOLISM	TOTAL CONTRACTOR OF THE CONTRA	2.34	1.8·10 ⁻⁷	2.1·10 ⁻⁶
UNFOLDED_PROTEIN_RESPONSE_UPR	http://www.com/com/com/com/com/com/com/com/com/com/	2.33	$1.1 \cdot 10^{-8}$	$1.4 \cdot 10^{-7}$
ASSEMBLY_OF_THE_ORC_COMPLEX_AT_THE_ORIGIN_OF_REPLICATION	and the second of the second o	-3.21	$7.4 \cdot 10^{-23}$	3.3·10 ⁻²¹
RNA_POLYMERASE_I_TRANSCRIPTION	the state of the s	-3.21	2.6·10 ⁻²⁵	1.7·10 ⁻²³
TELOMERE_MAINTENANCE		-3.21	2.1·10 ⁻²⁶	2.0·10 ⁻²⁴
MEIOTIC_RECOMBINATION	and the second s	-3.22	1.9·10 ⁻²³	9.2·10 ⁻²²
G2_M_CHECKPOINTS		-3.22	$2.0 \cdot 10^{-30}$	2.8·10 ⁻²⁸
PROCESSING_OF_DNA_DOUBLE_STRAND_BREAK_ENDS	· · · · · · · · · · · · · · · · · · ·	-3.22	$3.5 \cdot 10^{-26}$	$2.9 \cdot 10^{-24}$
BASE_EXCISION_REPAIR		-3.23	$9.1 \cdot 10^{-25}$	5.3·10 ⁻²³
TION_OF_AR_ANDROGEN_RECEPTOR_REGULATED_GENES_KLK2_AND_KLK3	and the second s	-3.24	$8.1 \cdot 10^{-24}$	$4.4 \cdot 10^{-22}$
DNA_DAMAGE_TELOMERE_STRESS_INDUCED_SENESCENCE	e de la companya del companya de la companya de la companya del companya de la companya del la companya de la c	-3.24	$5.7 \cdot 10^{-25}$	$3.5 \cdot 10^{-23}$
ERCC6_CSB_AND_EHMT2_G9A_POSITIVELY_REGULATE_RRNA_EXPRESSION	en e	-3.25	$4.3 \cdot 10^{-25}$	$2.7 \cdot 10^{-23}$
TION_OF_NEW_CENPA_CONTAINING_NUCLEOSOMES_AT_THE_CENTROMERE		-3.26	$9.8 \cdot 10^{-25}$	5.5·10 ⁻²³
CHROMOSOME_MAINTENANCE		-3.27	4.6·10 ⁻³¹	8.1·10 ⁻²⁹
HCMV_LATE_EVENTS	the control of the co	-3.27	1.4·10 ⁻²⁷	1.6·10 ⁻²⁵
RNA_POLYMERASE_I_PROMOTER_ESCAPE	the control of the co	-3.29	3.5·10 ⁻²⁶	2.9·10 ⁻²⁴
DNA_REPLICATION_PRE_INITIATION		-3.29	7.9·10 ⁻³¹	1.2·10 ⁻²⁸
SIRT1_NEGATIVELY_REGULATES_RRNA_EXPRESSION	· · · · · · · · · · · · · · · · · · ·	-3.30	1.2·10 ⁻²⁶	1.2·10 ⁻²⁴
DNA_METHYLATION	· · · · · · · · · · · · · · · · · · ·	-3.31	1.7·10 ⁻²⁵	1.2·10 ⁻²³
DNA_REPLICATION		-3.31	2.5·10 ⁻³⁶	9.8·10 ⁻³⁴
HOMOLOGY_DIRECTED_REPAIR		-3.34	2.2·10 ⁻³³	5.7·10 ⁻³¹
HDACS_DEACETYLATE_HISTONES		-3.41	3.2·10 ⁻³¹	6.3·10 ⁻²⁹
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