



UvA-DARE (Digital Academic Repository)

Life spanning murine gene expression profiles in relation to chronological and pathological aging in multiple organs.

Jonker, M.J.; Melis, J.P.M.; Kuiper, R.V.; van der Hoeven, T.V.; Wackers, P.F.K.; Robinson, J.; van der Horst, G.T.J.; Dollé, M.E.T.; Vijg, J.; Breit, T.M.; Hoeijmakers, J.H.J.; van Steeg, H.

Published in:
Aging Cell

DOI:
[10.1111/accel.12118](https://doi.org/10.1111/accel.12118)

[Link to publication](#)

Citation for published version (APA):

Jonker, M. J., Melis, J. P. M., Kuiper, R. V., van der Hoeven, T. V., Wackers, P. F. K., Robinson, J., ... van Steeg, H. (2013). Life spanning murine gene expression profiles in relation to chronological and pathological aging in multiple organs. *Aging Cell*, 12(5), 901-909. <https://doi.org/10.1111/accel.12118>

General rights

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: <https://uba.uva.nl/en/contact>, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

Supplemental Information 06. The organ intersections in differentially expressed genes (DEGs) (SI04) and functionally related altered gene sets (AGSs) (SI07).

	Organ	DEGs	AGSs
	liver	6,973	122
	kidney	2,325	203
	spleen	925	307
	lung	1,025	59
	brain	15	82
Overlap	Organ combinations	DEGs	AGSs
Specific	liver	5,886	63
	kidney	1,533	118
	spleen	588	164
	lung	679	16
	brain	5	20
	<i>subtotal</i>	<i>8,691</i>	<i>381</i>
Two	liver; kidney	594	8
	liver; spleen	219	14
	liver; lung	177	5
	liver; brain	3	0
	kidney; spleen	40	10
	kidney; lung	76	3
	kidney; brain	0	8
	spleen; lung	25	3
	spleen; brain	0	11
lung; brain	0	13	
	<i>subtotal</i>	<i>1,134</i>	<i>75</i>
Three	liver; kidney; spleen	24	1
	liver; kidney; lung	41	0
	liver; kidney; brain	3	0
	liver; spleen; lung	12	1
	liver; spleen; brain	2	0
	liver; lung; brain	0	0
	kidney; spleen; lung	3	5
	kidney; spleen; brain	0	10
	kidney; lung; brain	0	3
	spleen; lung; brain	0	0
	<i>subtotal</i>	<i>85</i>	<i>20</i>
Four	liver; kidney; spleen; lung	10	0
	liver; kidney; spleen; brain	0	0
	liver; spleen; lung; brain	1	0
	liver; kidney; lung; brain	0	2
	kidney; spleen; lung; brain	0	4
	<i>subtotal</i>	<i>11</i>	<i>6</i>
Generic	liver; kidney; spleen; lung; brain	1	0
	<i>subtotal</i>	<i>1</i>	<i>0</i>
	<i>total</i>	<i>9,922</i>	<i>482</i>