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**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.

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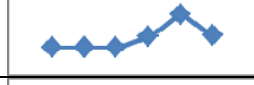
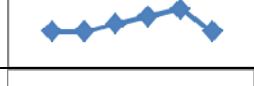





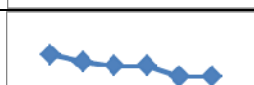


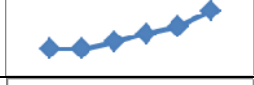
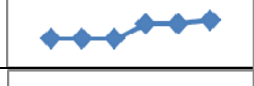
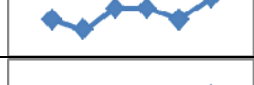

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**Supplemental Information 01.** Dynamics of age-related pathological parameters during lifespan.

Tissue	Parameter	
Liver	Focal lymphoid proliferation	
	Scattered extramedullary hematopoiesis (Scat. extramed. hematopo.)	
	Karyomegaly	
	Intranuclear droplets	
	Hepatocellular vacuolization	
	Ito cell vacuolization	
	Lipofuscin index	
Kidney	Karyomegaly	
	Lymphoid proliferation	
	Glomerular membrane thickening (Glom. membrane thickening)	
	Tubular degeneration	
Spleen	Lymphocytolysis	
	Iron laden macrophages	
Lung	Peribronchiolar lymphoid proliferation (Peribronch. lymphoid prolifer.)	
Brain	Vacuolization white matter	
	Lipofuscinosis neurons	
	Periventricular GFAP	
	Hippocampus GFAP	