

Sequence	Gene	Gene name	Human orthologue	
T08B1.3	<i>alh-5</i>	ALdehyde deHydrogenase	ALDH3A2	
C30G12.2	C30G12.2	C30G12.2		
K09A11.4	<i>cyp-14A3</i>	CYtochrome P450 family	CYP2A7P1, CYP2J2	
T10H4.11	<i>cyp-34A2</i>		CYP2A7P1	
B0213.15	<i>cyp-34A9/dod-16</i>		CYP2A7P2	
K07C6.4	<i>cyp-35B1/dod-13</i>		CYP2A7P3	
C06B3.3	<i>cyp-35C1</i>		CYP2A7P4	
C12D5.7	<i>cyp-33A1</i>		CYP2J2	
C03G6.15	<i>cyp-35A2</i>		CYP2A7P1	
K09D9.2	<i>cyp-35A3</i>			
F55A12.4	<i>dhs-2</i>		DeHydrogenases, Short chain	HSD17B6
R08H2.1	<i>dhs-23</i>			HSD17B14
ZK816.5	<i>dhs-26</i>	DHRS1		
F25D1.5	<i>F25D1.5</i>			
F08A8.2	<i>F08A8.2</i>	F08A8.2	ACOX1	
C24B9.9	<i>dod-3</i>	Downstream Of DAF-16 (regulated by DAF-16)		
T20G5.7	<i>dod-6</i>			
H23N18.2	<i>ugt-14</i>	UDP- GlucuronosylTransferase	UGT3A2, UGT3A1	
C10H11.3	<i>ugt-25</i>			
F10D2.11	<i>ugt-41</i>			
H23N18.3	<i>ugt-8</i>			
C03A7.11	<i>ugt-51</i>			
C23G10.6	<i>C23G10.6</i>			
C54F6.14	<i>ftn-1</i>	FerriTiN	FTH1	
F28D1.3	<i>thn-1</i>	THaumatIN family		
T07C4.4	<i>spp-1</i>	SaPosin-like Protein family		
Y55B1BR.3	<i>Y55B1BR.3</i>	Y55B1BR.3		
C33E10.1	C33E10.1	C33E10.1		
C39B5.2	C39B5.2	C39B5.2		
F45C12.5	<i>fbxb-11</i>	F-box B protein		
M01D1.8	<i>fbxb-41</i>			
F55C9.13	<i>fbxb-63</i>			
Y40B1B.3	<i>fbxb-66</i>			
Y73B6BL.9	<i>hil-2</i>	Hlstone H1 Like	HIST1H1A	
F22F1.1	<i>hil-3</i>			
C01B10.5	<i>hil-7</i>			
M163.3	<i>his-24</i>	HlStone		
F45F2.12	<i>his-8</i>		HIST1H2BL	
C14F5.1	<i>dct-1</i>	DAF-16/FOXO Controlled, germline Tumor affecting	BNIP3	

Figure S5. DEGs derived from highly enriched functional clusters.

Red shading denotes increased expression, and green shading denotes decreased expression relative to untreated group.