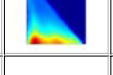
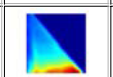
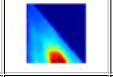
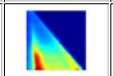
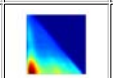
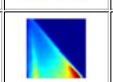
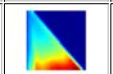
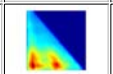
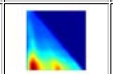
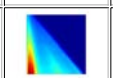
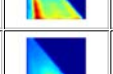
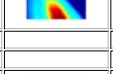
Sup Table 1 | Average images of chronograms grouped in the neighbor joining tree branches that present enrichments in specific GO terms, microarray expression cluster and/or anatomical annotation

cluster id	cluster chronogram	cluster size	enrichments	loci in cluster
1296		12	spermatheca (adult); 4.24x p:6.4e-04 FDR:13.8% developing spermatheca (larva); 10.00x p:8.2e-04 FDR:14.9%	B0228.4 , C06B3.4 , C30H7.2 , C55H1.2 , F10G7.2 , F14F4.3 , K10B3.1 , R05H10.2 , T21B10.2 , T21D12.3 , T28F3.3 , Y75B12B.2
1242		15	body wall muscle (larva); 2.09x p:6.6e-04 FDR:13.9% transferase activity; 4.74x p:7.5e-04 FDR:14.6% locomotion; 8.34x p:7.8e-04 FDR:14.8% body wall muscle (adult); 2.05x p:8.0e-04 FDR:14.8%	B0336.2 , C04F6.4 , C05D11.5 , C06E7.1 , C37F5.1 , C50D2.7 , F23B12.5 , H39E23.1 , K02A4.1 , R07E5.7 , T05H4.1 , T14F9.1 , T14F9.3 , T19E7.3 , Y48G8AL.8
1557		202	Jiang M. *et al.* group 11; 3.66x p:8.0e-04 FDR:14.8%	B0024.14 , B0035.5 , B0244.2 , B0252.2 , B0286.4 , B0336.10 , B0393.1 , B0511.10 , B0545.1 , C01B7.6 , C02E11.1 , C03A3.2 , C03C10.1 , C03G5.1 , C03H5.2 , C04C3.3 , C04G2.6 , C05B10.1 , C05D11.12 , C06A8.3 , C06C6.4 , C06H2.4 , C07H6.7 , C08A9.1 , C08B6.8 , C09B8.1 , C09D4.5 , C10G8.7 , C11E4.1 , C11H1.3 , C12D8.1 , C17G10.9 , C17H11.6 , C18A3.5 , C18D11.4 , C18H9.7 , C24A11.8 , C25A11.4 , C25D7.7 , C27D8.4 , C27H6.1 , C30C11.4 , C30H6.2 , C32F10.8 , C33A12.1 , C34E10.6 , C34G6.4 , C37E2.1 , C37H5.6 , C41D11.2 , C44B12.2 , C46H11.11 , C50D2.2 , C51E3.7 , C54H2.5 , C56G2.3 , D2024.6 , D2030.5 , DH11.1 , E04A4.8 , F02D8.3 , F02E8.5 , F07B7.13 , F08B12.3 , F08C6.7 , F08F3.3 , F09E5.3 , F09G2.8 , F11D5.3 , F12F3.1 , F13B12.1 , F19H6.1 , F20D12.3 , F25B3.3 , F25B3.6 , F25F2.2 , F25G6.4 , F26H9.2 , F26H9.3 , F28B4.2 , F28F5.3 , F28F9.1 , F28H7.9 , F29G6.2 , F30A10.8 , F31C3.3 , F32F2.1 , F33C8.3 , F35H12.2 , F36H1.2 , F39C12.2 , F41B5.10 , F42A9.1 , F42G10.2 , F42G8.12 , F43G9.5 , F45E10.1 , F46C5.3 , F46F6.2 , F46G10.7 , F47B10.2 , F47G9.1 , F48E3.3 , F53E2.1 , F54C4.1 , F54G8.4 , F56C9.1 , F56D12.5 , F56H11.1.1 , F58A3.1 , F58G4.1 , H28O16.1 , JC8.10 , K02A4.2 , K04F10.2 , K07A9.2 , K07H8.6 , K09A9.6 , K10B3.8 , K11E8.1 , K11G9.6 , M02B7.5 , M142.1 , M18.1 , M6.1 , R04A9.4 , R05F9.1 , R05G6.7 , R07G3.8 , R08B4.2 , R09E12.3 , R10E11.1 , R11G11.2 , R144.7 , R53.4 , T01B10.2 , T01C8.5 , T01C8.7 , T04A6.1 , T04A8.11 , T04B2.3 , T04D1.3 , T05A1.3 , T05B11.3 , T05C12.10 , T07C4.9 , T07F10.1 , T08G11.1 , T09B4.8 , T09F3.2 , T10A3.1 , T10H9.4 , T18D3.4 , T18D3.4 , T18D3.4 , T18D3.4 , T19D7.4 , T21B10.7 , T22B2.4 , T22C1.6 , T22D1.3 , T23H2.2 , T24D11.1 , T25G12.4 , T27A1.4 , T27B1.1 , T27E9.4 , W01A11.1 , W02B12.10 , W04D2.1 , W05E10.4 , W05H12.1 , W08D2.7 , W08E12.3 , W09G3.2 , Y104H12A.1 , Y111B2A.11 , Y119C1B.8 , Y32H12A.8 , Y37A1B.5 , Y37E11C.1 , Y39A1B.2 , Y47G6A.7 , Y48C3A.10 , Y49A3A.2 , Y51H4A.17 , Y54E5A.1 , Y55F3AM.3 , Y59C2A.2 , Y62F5A.1 , Y69A2AR.18 , Y71F9B.3 , Y73F4A.2 , Y75B7AR.1 , Y82E9BR.3 , ZC101.2 , ZC247.3 , ZC482.5 , ZK370.2 , ZK652.5 , ZK792.4
1320		120	pharynx (adult); 1.49x p:3.6e-04 FDR:11.0% pharynx (larva); 1.47x p:8.0e-04 FDR:14.7%	B0024.14 , B0035.5 , B0252.2 , B0286.4 , B0336.10 , B0393.1 , B0511.10 , B0545.1 , C02E11.1 , C03A3.2 , C03C10.1 , C03G5.1 , C03H5.2 , C04C3.3 , C04G2.6 , C05B10.1 , C06C6.4 , C07H6.7 , C08A9.1 , C08B6.8 , C09B8.1 , C09D4.5 , C11H1.3 , C17G10.9 , C17H11.6 , C24A11.8 , C25D7.7 , C27D8.4 , C30C11.4 , C30H6.2 , C32F10.8 , C33A12.1 , C34E10.6 , C34G6.4 , C37E2.1 , C37H5.6 , C41D11.2 , C44B12.2 , C46H11.11 , C50D2.2 , D2024.6 , D2030.5 , DH11.1 , E04A4.8 , F08B12.3 , F08C6.7 , F09G2.8 , F12F3.1 , F13B12.1 , F26H9.3 , F28F5.3 , F29G6.2 , F30A10.8 , F33C8.3 , F36H1.2 , F41B5.10 , F42A9.1 , F42G8.12 , F43G9.5 , F46F6.2 , F46G10.7 , F47B10.2 , F47G9.1 , F48E3.3 , F53E2.1 , F54C4.1 , F54G8.4 , F56C9.1 , F56D12.5 , F58G4.1 , H28O16.1 , K07H8.6 , K09A9.6 , M142.1 , M6.1 , R04A9.4 , R05F9.1 , R07G3.8 , R08B4.2 , R11G11.2 , R144.7 , R53.4 , T01C8.5 , T04A6.1 , T05A1.3 , T05B11.3 , T07C4.9 , T07F10.1 , T08G11.1 , T09B4.8 , T09F3.2 , T19D7.4 , T21B10.7 , T22B2.4 , T22C1.6 , T22D1.3 , T23H2.2 , T24D11.1 , T25G12.4 , T27A1.4 , T27B1.1 , T27E9.4 , W01A11.1 , W02B12.10 , W04D2.1 , W05E10.4 , W05H12.1 , W08D2.7 , W08E12.3 , W09G3.2 , Y104H12A.1 , Y111B2A.11 , Y119C1B.8 , Y37A1B.5 , Y37E11C.1 , Y47G6A.7 , Y48C3A.10 , Y51H4A.17 , Y54E5A.1 , Y55F3AM.3 , Y59C2A.2 , Y62F5A.1 , Y69A2AR.18 , Y71F9B.3 , Y73F4A.2 , Y75B7AR.1 , Y82E9BR.3 , ZC101.2 , ZC247.3 , ZC482.5 , ZK370.2 , ZK652.5 , ZK792.4
1225		146	vulval muscle (adult); 1.78x p:3.9e-05 FDR:3.3% pharynx (larva); 1.45x p:7.4e-04 FDR:14.6% pharynx (adult); 1.44x p:7.9e-04 FDR:14.7%	B0041.7 , B0228.4 , B0304.1 , B0336.2 , B0416.5 , B0547.1 , C02C6.1 , C02F4.2 , C04F6.4 , C04G6.3 , C05D11.10 , C05D11.5 , C06A5.7 , C06A8.1 , C06B3.4 , C06B8.8 , C06E7.1 , C06G4.2 , C09G12.9 , C13B9.4 , C13G3.3 , C15H9.1 , C24G6.4 , C28H8.11 , C30F12.6 , C30F8.2 , C30H7.2 , C33D12.2 , C34F11.9 , C37F5.1 , C44C1.4 , C45B11.1 , C50D2.7 , C52E12.2 , C55B6.2 , C55H1.2 , D1007.7 , D2089.4 , E01H11.1 , F07A11.2 , F10E7.5 , F10G7.2 , F11F1.1 , F14F4.3 , F19B6.1 , F20B6.2 , F20D1.1 , F20D6.11 , F23B12.5 , F23F12.6 , F25B5.1 , F27D9.5 , F28D1.7 , F31B12.1 , F32A6.4 , F32D8.6 , F35A5.8 , F35D11.3 , F35G2.4 , F38A5.13 , F38B7.1 , F38H4.9 , F39G3.8 , F40F11.2 , F41E6.13 , F41G4.1 , F43G9.1 , F45E6.2 , F46C5.8 , F46H5.4 , F47B3.8 , F47D12.4 , F52D10.2 , F52E4.1 , F54C1.7 , F54E2.3 , F55A12.8 , F55A12.9 , F56D12.1 , F59F4.2 , H37N21.1 , H39E23.1 , K02A4.1 , K03E6.4 , K08F8.6 , K10B3.1 , K11D2.3 , R03D7.4 , R05F9.6 , R05H10.2 , R06B10.5 , R07B7.11 , R07E5.7 , R07H5.8 , R13.1 , T02G5.9 , T04C10.2 , T04F8.1 , T05A12.2 , T05A7.4 , T05D4.1 , T05H4.1 , T09B4.9 , T10B11.2 , T10C6.5 , T10H9.5 , T11A5.6 , T12G3.1 , T14F9.1 , T14F9.3 , T17E9.1 , T17H7.4 , T19A6.2 , T19E7.3 , T21B10.2 , T21D12.3 , T24B8.1 , T27B7.3 , T28F3.3 , W08F4.3 , Y108G3AL.1 , Y110A7A.20 , Y119C1B.5 , Y25C1A.5 , Y32H12A.1 , Y37E11AR.2 , Y42G9A.4 , Y43F4A.1 , Y48G8AL.8 , Y48G9A.4 , Y48G9A.8 , Y50E8A.16 , Y51H7C.11 , Y54E2A.11 , Y54E5A.7 , Y54G11A.7 , Y54G2A.18 , Y71F9AL.17 , Y73E7A.3 , Y75B12B.2 , ZC404.9 , ZK1058.2 , ZK470.5 , ZK652.1 , ZK688.2 , ZK829.4
1618		98	body wall muscle (larva); 1.56x p:7.8e-04 FDR:14.7%	B0024.14 , B0035.5 , B0286.4 , B0336.10 , B0393.1 , B0511.10 , B0545.1 , C02E11.1 , C03A3.2 , C03C10.1 , C03H5.2 , C04C3.3 , C04G2.6 , C05B10.1 , C06C6.4 , C08B6.8 , C09B8.1 , C09D4.5 , C11H1.3 , C17G10.9 , C24A11.8 , C25D7.7 , C27D8.4 , C30C11.4 , C30H6.2 , C32F10.8 , C33A12.1 , C34G6.4 , C37H5.6 , C41D11.2 , C44B12.2 , C50D2.2 , D2024.6 , D2030.5 , DH11.1 , E04A4.8 , F08B12.3 , F08C6.7 , F09G2.8 , F12F3.1 , F13B12.1 , F26H9.3 , F28F5.3 , F29G6.2 , F30A10.8 , F33C8.3 , F36H1.2 , F41B5.10 , F42A9.1 , F43G9.5 , F46G10.7 , F48E3.3 , F53E2.1 , F54C4.1 , F54G8.4 , F56C9.1 , F56D12.5 , K07H8.6 , K09A9.6 , R05F9.1 , R07G3.8 , R11G11.2 , R144.7 , R53.4 , T01C8.5 , T04A6.1 , T05A1.3 , T05B11.3 , T07C4.9 , T07F10.1 , T08G11.1 , T09B4.8 , T09F3.2 , T19D7.4 , T21B10.7 , T22B2.4 , T24D11.1 , T25G12.4 , T27A1.4 , T27E9.4 , W02B12.10 , W04D2.1 , W05E10.4 , W08E12.3 , W09G3.2 , Y104H12A.1 , Y111B2A.11 , Y119C1B.8 , Y37A1B.5 , Y37E11C.1 , Y47G6A.7 , Y48C3A.10 , Y55F3AM.3 , Y71F9B.3 , Y75B7AR.1 , Y82E9BR.3 , ZC482.5 , ZK370.2
1599		201	Jiang M. *et al.* group 11; 3.68x p:7.8e-04 FDR:14.7%	B0024.14 , B0035.5 , B0252.2 , B0286.4 , B0336.10 , B0393.1 , B0511.10 , B0545.1 , C01B7.6 , C02E11.1 , C03A3.2 , C03C10.1 , C03G5.1 , C03H5.2 , C04C3.3 , C04G2.6 , C05B10.1 , C05D11.12 , C06A8.3 , C06C6.4 , C06H2.4 , C07H6.7 , C08A9.1 , C08B6.8 , C09B8.1 , C09D4.5 , C10G8.7 , C11E4.1 , C11H1.3 , C12D8.1 , C17G10.9 , C17H11.6 , C18A3.5 , C18D11.4 , C18H9.7 , C24A11.8 , C25A11.4 , C25D7.7 , C27D8.4 , C27H6.1 , C30C11.4 , C30H6.2 , C32F10.8 , C33A12.1 , C34E10.6 , C34G6.4 , C37E2.1 , C37H5.6 , C41D11.2 , C44B12.2 , C46H11.11 , C50D2.2 , C51E3.7 , C54H2.5 , C56G2.3 , D2024.6 , D2030.5 , DH11.1 , E04A4.8 , F02D8.3 , F02E8.5 , F07B7.13 , F08B12.3 , F08C6.7 , F08F3.3 , F09E5.3 , F09G2.8 , F11D5.3 , F12F3.1 , F13B12.1 , F19H6.1 , F20D12.3 , F25B3.3 , F25B3.6 , F25F2.2 , F25G6.4 , F26H9.2 , F26H9.3 , F28B4.2 , F28F5.3 , F28F9.1 , F28H7.9 , F29G6.2 , F30A10.8 , F31C3.3 , F31G12.1 , F32F2.1 , F33C8.3 , F35A5.8 , F35D11.3 , F35G2.4 , F35H12.2 , F36H1.2 , F38A5.13 , F38B7.1 , F38H4.9 , F39C12.2 , F39G3.8 , F40F11.2 , F41B5.10 , F41E6.13 , F41G3.12 , F41G4.1 , F42A9.1 , F42E11.2 , F42G10.2 , F42G8.12 , F42G9.9 , F43G9.1 , F43G9.5 , F44A6.1 , F45E10.1 , F45E6.2 , F46C5.3 , F46C5.8 , F46F6.2 , F46G10.7 , F46H5.4 , F47B10.2 , F47B3.8 , F47D12.4 , F47G9.1 , F48E3.3 , F48F7.1 , F52B5.1 , F52D10.2 , F52E4.1 , F53E2.1 , F54C1.7 , F54C4.1 , F54E2.3 , F54G8.4 , F55A12.3 , F55A12.8 , F55A12.9 , F56C9.1 , F56D12.1 , F56D12.5 , F56H11.1 , F58A3.1 , F58G4.1 , H28O16.1 , H37N21.1 , H39E23.1 , JC8.10 , K02A4.1 , K02A4.2 , K03E6.4 , K04F10.2 , K07A9.2 , K07H8.6 , K08F8.6 , K09A9.6 , K10B3.1 , K10B3.8 , K11D2.3 , K11E8.1 , K11G9.6 , M01E11.7 , M02B7.5 , M142.1 , M18.1 , M195.3 , M6.1 , PAR2.1 , R03D7.4 , R04A9.4 , R05F9.1 , R05F9.6 , R05G6.7 , R05H10.2 , R06B10.5 , R07B7.11 , R07E5.7 , R07G3.8 , R07H5.8 , R08B4.2 , R09E12.3 , R09F10.6 , R10E11.1 , R11A8.7 , R11F4.1 , R11G11.2 , R13.1 , R144.7 , R53.4 , T01B10.2 , T01C8.5 , T01C8.7 , T02G5.9 , T04A6.1 , T04A8.11 , T04A8.4 , T04B2.3 , T04C10.2 , T04C9.4 , T04D1.3 , T04F8.1 , T05A1.3 , T05A12.2 , T05A7.4 , T05B11.3 , T05C12.10 , T05D4.1 , T05H4.1 , T07C4.9 , T07F10.1 , T08G11.1 , T09B4.8 , T09B4.9 , T09F3.2 , T10A3.1 , T10B11.2 , T10C6.5 , T10H9.4 , T10H9.5 , T11A5.6 , T12A2.3 , T12G3.1 , T14F9.1 , T17E9.1 , T17H7.4 , T18D3.4 , T18D3.4 , T18D3.4 , T18D3.4 , T19A5.5 , T19A6.2 , T19D7.4 , T19E7.3 , T21B10.2 , T21B10.7 , T21D12.3 , T22B2.4 , T22C1.6 , T22D1.3 , T23H2.2 , T24B8.1 , T24D11.1 , T25G12.4 , T27A1.4 , T27B1.1 , T27B7.3 , T27E9.4 , T28F3.3 , W01A11.1 , W02B12.10 , W04D2.1 , W05E10.4 , W05E7.3 , W05H12.1 , W08D2.7 , W08E12.3 , W08F4.3 , W09G3.2 , Y104H12A.1 , Y108G3AL.1 , Y110A7A.20 , Y111B2A.11 , Y119C1B.5 , Y119C1B.8 , Y25C1A.5 , Y32H12A.1 , Y32H12A.5 , Y32H12A.8 , Y37A1B.5 , Y37E11AR.2 , Y37E11C.1 , Y39A1B.2 , Y39D8C.1 , Y42G9A.4 , Y43F4A.1 , Y45F3A.3 , Y47G6A.7 , Y48C3A.10 , Y48G8AL.8 , Y48G9A.4 , Y48G9A.8 , Y49A3A.2 , Y49E10.20 , Y50E8A.16 , Y51H4A.17 , Y51H7C.11 , Y54E2A.11 , Y54E5A.1 , Y54E5A.7 , Y54G11A.7 , Y54G2A.18 , Y55F3AM.3 , Y59C2A.2 , Y62F5A.1 , Y69A2AR.18 , Y71F9AL.17 , Y71F9B.3 , Y73E7A.3 , Y73F4A.2 , Y75B12B.2 , Y75B7AR.1 , Y82E9BR.3 , ZC101.2 , ZC247.3 , ZC404.9 , ZC482.5 , ZC64.4 , ZK1058.2 , ZK370.2 , ZK470.5 , ZK652.1 , ZK652.5 , ZK688.2 , ZK792.4 , ZK829.4
1183		30	Jiang M. *et al.* group 3; 2.91x p:3.4e-04 FDR:10.3% vulval muscle (adult); 2.27x p:5.9e-04 FDR:13.7% body wall muscle (adult); 1.90x p:7.8e-04 FDR:14.7%	B0228.7 , C01F6.6 , C04E6.10 , C05D11.2 , C05G5.1 , C07A12.4 , C13C4.5 , D1007.12 , F10B5.1 , F15D3.1 , F17C11.8 , F25H2.5 , F32E10.4 , F46B6.7 , F54D7.4 , F55C5.8 , M01F1.3 , M03A1.6 , R08D7.6 , R12E2.3 , T05E11.1 , T20G5.2 , T23B12.6 , W03F9.10 , Y38F1A.6 , Y43F8C.12 , Y48B6A.6 , Y71F9AL.9 , ZC116.3 , ZK1127.10
1291		389	ventral nerve cord (larva); 1.47x p:4.0e-06 FDR:0.7% vulval muscle (adult); 1.42x p:5.6e-06 FDR:1.1% ventral nerve cord (adult); 1.44x p:1.5e-05 FDR:2.3% body neurons (adult); 1.57x p:3.4e-05 FDR:3.5% body neurons (larva); 1.55x p:8.8e-05 FDR:5.1% dorsal nerve cord (adult); 1.84x p:1.1e-04 FDR:5.5% tail neurons (larva); 1.31x p:4.1e-04 FDR:11.9% monovalent inorganic cation transport; 1.97x p:4.3e-04 FDR:12.5% dorsal nerve cord (larva); 1.84x p:4.8e-04 FDR:13.0% nerve ring (adult); 1.36x p:4.9e-04 FDR:13.2% nerve ring (larva); 1.36x p:4.9e-04 FDR:13.1% tail neurons (adult); 1.29x p:7.6e-04 FDR:14.7% body wall muscle (larva); 1.25x p:7.7e-04 FDR:14.8%	B0024.14 , B0034.3 , B0035.5 , B0041.7 , B0228.4 , B0244.2 , B0252.2 , B0280.7 , B0286.4 , B0303.2 , B0304.1 , B0336.10 , B0336.2 , B0393.1 , B0395.2 , B0416.5 , B0511.10 , B0545.1 , B0547.1 , C01B7.6 , C02C6.1 , C02E11.1 , C02F4.2 , C02H7.1 , C03A3.2 , C03C10.1 , C03G5.1 , C03H5.2 , C04C3.3 , C04F6.4 , C04G2.6 , C04G6.3 , C05B10.1 , C05D11.10 , C05D11.12 , C05D11.4 , C05D11.5 , C06A5.7 , C06A8.1 , C06A8.3 , C06B3.4 , C06B8.8 , C06C6.4 , C06E7.1 , C06G4.2 , C06H2.4 , C07H6.7 , C08A9.1 , C08B6.8 , C09B8.1 , C09D4.5 , C09G12.9 , C10G8.7 , C11E4.1 , C11H1.3 , C12D8.1 , C13B9.4 , C13G3.3 , C15B12.7 , C15H9.1 , C17G10.9 , C17H11.6 , C17H12.9 , C18A3.5 , C18D11.4 , C18H9.7 , C24A11.8 , C24G6.4 , C25A11.4 , C25D7.7 , C26D10.2 , C27D8.4 , C27H6.1 , C28H8.11 , C30C11.4 , C30F12.6 , C30F8.2 , C30H6.2 , C30H7.2 , C32F10.8 , C33A12.1 , C33D12.2 , C34E10.6 , C34F11.9 , C34G6.4 , C37E2.1 , C37F5.1 , C37H5.6 , C41D11.2 , C44B12.2 , C44C1.4 , C45B11.1 , C46H11.11 , C50D2.2 , C50D2.7 , C51E3.7 , C52E12.2 , C54H2.5 , C55B6.2 , C55H1.2 , C56G2.3 , D1007.7 , D2013.10 , D2024.6 , D2030.5 , D2089.4 , DH11.1 , E01H11.1 , E04A4.8 , F01G12.5 , F02D8.3 , F02E8.5 , F07A11.2 , F07B7.13 , F08B12.3 , F08C6.7 , F08F3.3 , F09B9.3 , F09D1.1 , F09D12.1 , F09E5.3 , F09G2.8 , F10E7.5 , F10G7.2 , F11C3.3 , F11D5.3 , F11F1.1 , F12F3.1 , F13B12.1 , F14F4.3 , F15A2.6 , F17C8.5 , F19B6.1 , F19H6.1 , F20B6.2 , F20D1.1 , F20D12.3 , F20D6.11 , F23B12.5 , F23F12.6 , F25B3.3 , F25B3.6 , F25F2.2 , F25G6.4 , F26H9.2 , F26H9.3 , F28B4.2 , F28F5.3 , F28F9.1 , F28H7.9 , F29G6.2 , F30A10.8 , F31B12.1 , F31C3.3 , F32A6.4 , F32D8.6 , F32F2.1 , F33C8.3 , F35A5.8 , F35D11.3 , F35G2.4 , F35H12.2 , F36H1.2 , F38A5.13 , F38B7.1 , F38H4.9 , F39C12.2 , F39G3.8 , F40F11.2 , F41B5.10 , F41E6.13 , F41G3.12 , F41G4.1 , F42A9.1 , F42E11.2 , F42G10.2 , F42G8.12 , F42G9.9 , F43G9.1 , F43G9.5 , F44A6.1 , F45E10.1 , F45E6.2 , F46C5.3 , F46C5.8 , F46F6.2 , F46G10.7 , F46H5.4 , F47B10.2 , F47B3.8 , F47D12.4 , F47G9.1 , F48E3.3 , F48F7.1 , F52B5.1 , F52D10.2 , F52E4.1 , F53E2.1 , F54C1.7 , F54C4.1 , F54E2.3 , F54G8.4 , F55A12.3 , F55A12.8 , F55A12.9 , F56C9.1 , F56D12.1 , F56D12.5 , F56H11.1 , F58A3.1 , F58G4.1 , F59F4.2 , H28O16.1 , H37N21.1 , H39E23.1 , JC8.10 , K02A4.1 , K02A4.2 , K03E6.4 , K04F10.2 , K07A9.2 , K07H8.6 , K08F8.6 , K09A9.6 , K10B3.1 , K10B3.8 , K11D2.3 , K11E8.1 , K11G9.6 , M01E11.7 , M02B7.5 , M142.1 , M18.1 , M195.3 , M6.1 , PAR2.1 , R03D7.4 , R04A9.4 , R05F9.1 , R05F9.6 , R05G6.7 , R05H10.2 , R06B10.5 , R07B7.11 , R07E5.7 , R07G3.8 , R07H5.8 , R08B4.2 , R09E12.3 , R09F10.6 , R10E11.1 , R11A8.7 , R11F4.1 , R11G11.2 , R13.1 , R144.7 , R53.4 , T01B10.2 , T01C8.5 , T01C8.7 , T02G5.9 , T04A6.1 , T04A8.11 , T04A8.4 , T04B2.3 , T04C10.2 , T04C9.4 , T04D1.3 , T04F8.1 , T05A1.3 , T05A12.2 , T05A7.4 , T05B11.3 , T05C12.10 , T05D4.1 , T05H4.1 , T07C4.9 , T07F10.1 , T08G11.1 , T09B4.8 , T09B4.9 , T09F3.2 , T10A3.1 , T10B11.2 , T10C6.5 , T10H9.4 , T10H9.5 , T11A5.6 , T12A2.3 , T12G3.1 , T14F9.1 , T17E9.1 , T17H7.4 , T18D3.4 , T18D3.4 , T18D3.4 , T18D3.4 , T19A5.5 , T19A6.2 , T19D7.4 , T19E7.3 , T21B10.2 , T21B10.7 , T21D12.3 , T22B2.4 , T22C1.6 , T22D1.3 , T23H2.2 , T24B8.1 , T24D11.1 , T25G12.4 , T27A1.4 , T27B1.1 , T27B7.3 , T27E9.4 , T28F3.3 , W01A11.1 , W02B12.10 , W04D2.1 , W05E10.4 , W05E7.3 , W05H12.1 , W08D2.7 , W08E12.3 , W08F4.3 , W09G3.2 , Y104H12A.1 , Y108G3AL.1 , Y110A7A.20 , Y111B2A.11 , Y119C1B.5 , Y119C1B.8 , Y25C1A.5 , Y32H12A.1 , Y32H12A.5 , Y32H12A.8 , Y37A1B.5 , Y37E11AR.2 , Y37E11C.1 , Y39A1B.2 , Y39D8C.1 , Y42G9A.4 , Y43F4A.1 , Y45F3A.3 , Y47G6A.7 , Y48C3A.10 , Y48G8AL.8 , Y48G9A.4 , Y48G9A.8 , Y49A3A.2 , Y49E10.20 , Y50E8A.16 , Y51H4A.17 , Y51H7C.11 , Y54E2A.11 , Y54E5A.1 , Y54E5A.7 , Y54G11A.7 , Y54G2A.18 , Y55F3AM.3 , Y59C2A.2 , Y62F5A.1 , Y69A2AR.18 , Y71F9AL.17 , Y71F9B.3 , Y73E7A.3 , Y73F4A.2 , Y75B12B.2 , Y75B7AR.1 , Y82E9BR.3 , ZC101.2 , ZC247.3 , ZC404.9 , ZC482.5 , ZC64.4 , ZK1058.2 , ZK370.2 , ZK470.5 , ZK652.1 , ZK652.5 , ZK688.2 , ZK792.4 , ZK829.4
1538		14	Clr; 7.48x p:7.7e-04 FDR:14.8%	B0041.4 , C06G1.5 , C17H12.14 , C33H5.18 , F01G10.1 , F01G4.6 , F07D10.1 , F10D2.9 , F42A8.2 , F53A9.8 , F53C11.3 , K08D12.3 , R05F9.10 , Y73F8A.34
1519		19	protein biosynthesis; 6.99x p:4.4e-04 FDR:12.5% macromolecule biosynthesis; 6.23x p:7.7e-04 FDR:14.8%	B0336.10 , B0393.1 , B0545.1 , C03C10.1 , C09D4.5 , C17G10.9 , D2030.5 , E04A4.8 , F09G2.8 , F28F5.3 , F33C8.3 , F36H1.2 , F54C4.1 , F56D12.5 , R53.4 , T08G11.1 , T09B4.8 , W02B12.10 , Y37A1B.5
1587		14	intestinal (adult); 1.42x p:7.7e-04 FDR:14.7%	B0412.4 , B0464.5 , C29H12.2 , F07B10.1 , F12F6.5 , F38E9.2 , JC8.3 , K08E3.5 , R09A8.3 , R13F6.3 , T05E11.3 , T21C12.2 , Y65B4BL.5 , ZK909.2
1497		106	DNA metabolism; 4.13x p:7.6e-04 FDR:14.7%	B0285.7 , B0336.3 , B0361.6 , B0457.1 , C01B12.3 , C03B8.4 , C04A2.3 , C04B4.2 , C05B5.7 , C09E10.2 , C09G4.1 , C09H6.2 , C11D2.4 , C13C4.4 , C14A4.11 , C15C7.1 , C18G1.2 , C25A1.5 , C27A2.6 , C34B4.1 , C36E8.3 , C37A2.4 , C37C3.6 , C42D8.8 , C44H4.4 , C46C11.1 , C47B2.5 , C47D12.8 , D1037.3 , F01G4.1 , F09F7.1 , F09F7.2 , F10E7.4 , F14E5.4 , F14F3.2 , F21F8.3 , F22A3.1 , F22B3.1 , F28D1.2 , F32D1.10 , F33H2.1 , F33H2.3 , F35G12.6 , F37A4.6 , F39H12.4 , F46E10.9 , F48E3.1 , F52B10.1 , F53C11.5 , F54D7.2 , F55A4.8 , F56B6.4 , F58B3.5 , F59F4.1 , H20J18.1 , K03A1.5 , K04A8.6 , K04H4.1 , K07B1.4 , K07C11.4 , K08E7.3 , K11D2.2 , M01D7.6 , M02D8.4 , M04B2.1 , M163.3 , M28.7 , R03E9.3 , R12B2.5 , R12E2.10 , R144.10 , R151.2 , T08B2.10 , T12D8.6 , T14D7.1 , T14G12.3 , T21H3.1 , T23G5.1 , T26A5.7 , T28D9.1 , W01A11.3 , W02B12.9 , W02D3.7 , W02D3.9 , W04C9.1 , W08E3.3 , W09H1.5 , Y102A11A.2 , Y22D7AR.10 , Y32F6A.3 , Y39A1A.15 , Y39B6A.35 , Y4C6B.5 , Y50D7A.6 , Y54G2A.11 , Y54G2A.17 , Y55D9A.2 , Y55F3AL.1 , Y71H2B.10 , Y73C8B.4 , ZC308.1 , ZK1193.5 , ZK337.1 , ZK381.5 , ZK632.6 , ZK637.11
1661		4	structural constituent of ribosome; 29.86x p:5.4e-05 FDR:4.1% ribosome; 29.86x p:5.4e-05 FDR:4.1% protein complex; 11.68x p:6.2e-05 FDR:4.4% Severe Pleiotropic Defects; 26.94x p:7.1e-05 FDR:4.8% ribonucleoprotein complex; 26.28x p:8.1e-05 FDR:5.0% structural molecule activity; 21.19x p:1.6e-04 FDR:6.6% protein biosynthesis; 19.91x p:1.9e-04 FDR:7.4% macromolecule biosynthesis; 17.76x p:2.7e-04 FDR:9.3% intracellular non-membrane-bound organelle; 15.28x p:5.6e-04 FDR:13.6% non-membrane-bound organelle; 15.28x p:5.6e-04 FDR:13.6% Lva; 10.31x p:7.6e-04 FDR:14.6%	D1007.12 , F10B5.1 , T05E11.1 , T23B12.6
1142		16	Hill AA. *et al* cluster 2 3; 13.95x p:7.6e-04 FDR:14.7%	C27A12.8 , C36A4.9 , F09B9.2 , F09F7.4 , F27C8.1 , F42A10.6 , F44E7.2 , F45H10.1 , F55A4.1 , F59B8.2 , K07A3.1 , K08F8.1 , M79.1 , R11A5.4 , Y82E9BR.14 , ZK1290.13
1227		16	DNA metabolism; 13.69x p:7.6e-04 FDR:14.7%	C03B8.4 , C14A4.11 , C27A2.6 , F01G4.1 , F14F3.2 , F32D1.10 , F33H2.1 , F33H2.3 , F39H12.4 , F46E10.9 , M01D7.6 , T12D8.6 , T23G5.1 , W09H1.5 , Y55D9A.2 , ZK632.6
1135		22	coenzymes and prosthetic group metabolism; 9.95x p:7.5e-05 FDR:4.7% cofactor metabolism; 9.95x p:7.5e-05 FDR:4.7% coenzyme metabolism; 9.95x p:7.5e-05 FDR:4.7% monovalent inorganic cation transporter activity; 13.27x p:1.3e-04 FDR:6.1% hydrogen ion transporter activity; 13.27x p:1.3e-04 FDR:6.1% primary active transporter activity; 9.95x p:4.5e-04 FDR:12.4% energy pathways; 4.98x p:7.5e-04 FDR:14.7%	B0252.2 , C03G5.1 , C07H6.7 , C08A9.1 , C17H11.6 , C34E10.6 , C37E2.1 , C46H11.11 , F42G8.12 , F46F6.2 , F58G4.1 , H28O16.1 , M142.1 , M6.1 , R04A9.4 , R08B4.2 , T22C1.6 , W08D2.7 , Y51H4A.17 , Y62F5A.1 , Y69A2AR.18 , ZK792.4
1209		7	coenzymes and prosthetic group metabolism; 25.03x p:6.7e-06 FDR:1.1% cofactor metabolism; 25.03x p:6.7e-06 FDR:1.1% coenzyme metabolism; 25.03x p:6.7e-06 FDR:1.1% energy pathways; 13.04x p:7.8e-06 FDR:1.3% monovalent inorganic cation transporter activity; 31.29x p:6.7e-05 FDR:4.6% hydrogen ion transporter activity; 31.29x p:6.7e-05 FDR:4.6%	C03G5.1 , C34E10.6 , C37E2.1 , F42G8.12 , M142.1 , R04A9.4 , Y69A2AR.18

			primary active transporter activity; 23.46x p:1.7e-04 FDR:6.8% carrier activity; 14.44x p:7.5e-04 FDR:14.8%	
1553		19	Stp; 5.68x p:7.5e-04 FDR:14.7%	C04A2.3 , C25A1.5 , C37C3.6 , C44H4.4 , C47B2.5 , F21F8.3 , F22A3.1 , F37A4.6 , F55A4.8 , F56B6.4 , M04B2.1 , R144.10 , T08B2.10 , T14G12.3 , T21H3.1 , W02B12.9 , W04C9.1 , Y55F3AL.1 , ZC308.1
1652		6	developing spermatheca (larva); 20.00x p:7.9e-05 FDR:4.8% spermatheca (adult); 6.78x p:2.5e-04 FDR:9.1% vulval muscle (adult); 3.31x p:7.4e-04 FDR:14.7%	C30H7.2 , F14F4.3 , K10B3.1 , R05H10.2 , T21B10.2 , T21D12.3
1692		36	transferase activity; 3.62x p:7.1e-05 FDR:4.7% positive regulation of growth rate; 2.58x p:3.1e-04 FDR:10.0% regulation of growth rate; 2.58x p:3.1e-04 FDR:10.0% development; 1.73x p:4.0e-04 FDR:11.9% growth; 2.01x p:7.4e-04 FDR:14.6%	B0336.2 , C02F4.2 , C04F6.4 , C05D11.10 , C05D11.5 , C06A5.7 , C06A8.1 , C06E7.1 , C13B9.4 , C13G3.3 , C37F5.1 , C45B11.1 , C50D2.7 , F23B12.5 , F28D1.7 , F40F11.2 , F46H5.4 , F52E4.1 , F59F4.2 , H39E23.1 , K02A4.1 , R05F9.6 , R07E5.7 , R07H5.8 , T02G5.9 , T05D4.1 , T05H4.1 , T14F9.1 , T14F9.3 , T17E9.1 , T19A6.2 , T19E7.3 , Y108G3AL.1 , Y42G9A.4 , Y48G8AL.8 , Y54E5A.7
1376		3	spermatheca (adult); 8.47x p:2.9e-04 FDR:9.6% developing vulva (larva); 6.25x p:7.4e-04 FDR:14.6%	R05H10.2 , T21B10.2 , T21D12.3
1561		90	development; 1.42x p:7.3e-04 FDR:14.6%	B0304.1 , B0336.2 , B0416.5 , B0547.1 , C02F4.2 , C04F6.4 , C05D11.10 , C05D11.5 , C06A5.7 , C06A8.1 , C06B8.8 , C06E7.1 , C06G4.2 , C13B9.4 , C13G3.3 , C28H8.11 , C33D12.2 , C37F5.1 , C45B11.1 , C50D2.7 , C55B6.2 , E01H11.1 , F11F1.1 , F19B6.1 , F20B6.2 , F23B12.5 , F23F12.6 , F27D9.5 , F28D1.7 , F31B12.1 , F32D8.6 , F35A5.8 , F35D11.3 , F35G2.4 , F38A5.13 , F40F11.2 , F45E6.2 , F46C5.8 , F46H5.4 , F47B3.8 , F47D12.4 , F52E4.1 , F54E2.3 , F55A12.9 , F59F4.2 , H39E23.1 , K02A4.1 , K08F8.6 , R03D7.4 , R05F9.6 , R06B10.5 , R07E5.7 , R07H5.8 , T02G5.9 , T04F8.1 , T05A12.2 , T05D4.1 , T05H4.1 , T09B4.9 , T10B11.2 , T10C6.5 , T10H9.5 , T14F9.1 , T14F9.3 , T17E9.1 , T17H7.4 , T19A6.2 , T19E7.3 , T24B8.1 , T27B7.3 , W08F4.3 , Y108G3AL.1 , Y119C1B.5 , Y25C1A.5 , Y42G9A.4 , Y48G8AL.8 , Y48G9A.4 , Y48G9A.8 , Y51H7C.11 , Y54E2A.11 , Y54E5A.7 , Y54G11A.7 , Y54G2A.18 , Y71F9AL.17 , ZC404.9 , ZK1058.2 , ZK470.5 , ZK652.1 , ZK688.2 , ZK829.4
1310		70	body wall muscle (adult); 1.54x p:6.4e-04 FDR:13.8% Jiang M. *et al.* group 3; 2.07x p:7.2e-04 FDR:14.7%	B0228.7 , B0272.3 , B0334.4 , B0336.4 , B0412.1 , B0412.4 , B0464.5 , C01F6.6 , C04E6.10 , C05D11.2 , C05G5.1 , C07A12.4 , C10G8.8 , C13C4.5 , C29H12.2 , C31C9.2 , C32D5.2 , C38H2.2 , C44E4.4 , D1007.12 , F07B10.1 , F10B5.1 , F10G7.8 , F12F6.5 , F15D3.1 , F17C11.8 , F25H2.5 , F29G9.5 , F32E10.4 , F38E9.2 , F46B6.7 , F54A5.3 , F54D7.4 , F55C5.8 , F55D10.3 , F58E10.3 , H28G03.6 , JC8.3 , K03A11.3 , K08E3.5 , K08F11.5 , M01F1.3 , M03A1.6 , M110.4 , R05D3.2 , R08D7.6 , R09A8.3 , R12E2.3 , R13F6.3 , T04C12.4 , T05E11.1 , T05E11.3 , T20G5.2 , T21C12.2 , T23B12.6 , W03F9.10 , W09C5.6 , Y105E8B.1 , Y38F1A.6 , Y42G9A.3 , Y43F8C.12 , Y48B6A.6 , Y50D7A.8 , Y53C12B.1 , Y65B4BL.5 , Y71F9AL.9 , ZC116.3 , ZK1127.10 , ZK177.8 , ZK909.2
1168		5	dorsal nerve cord (larva); 20.83x p:1.7e-04 FDR:7.0% dorsal nerve cord (adult); 17.24x p:3.1e-04 FDR:10.0% Lvl; 20.62x p:7.1e-04 FDR:14.4%	C15H9.1 , C30F8.2 , F32A6.4 , F38H4.9 , R13.1
1525		38	Jiang M. *et al.* group 2; 3.65x p:2.0e-04 FDR:7.5% mitotic cell cycle; 11.53x p:7.1e-04 FDR:14.4%	B0285.7 , C03B8.4 , C04B4.2 , C14A4.11 , C18G1.2 , C27A2.6 , C37A2.4 , C42D8.8 , F01G4.1 , F09F7.2 , F14F3.2 , F28D1.2 , F32D1.10 , F33H2.1 , F33H2.3 , F39H12.4 , F46E10.9 , F48E3.1 , F53C11.5 , K04A8.6 , K07B1.4 , K11D2.2 , M01D7.6 , M02D8.4 , M28.7 , T12D8.6 , T23G5.1 , T26A5.7 , T28D9.1 , W02D3.7 , W02D3.9 , W09H1.5 , Y39A1A.15 , Y55D9A.2 , ZK1193.5 , ZK381.5 , ZK632.6 , ZK637.11
1229		3	cellular biosynthesis; 13.69x p:3.7e-04 FDR:11.5% biosynthesis; 11.09x p:7.1e-04 FDR:14.4%	C34E10.6 , R04A9.4 , Y69A2AR.18
1636		23	body wall muscle (adult); 2.10x p:2.7e-04 FDR:9.3% vulval muscle (adult); 2.43x p:5.8e-04 FDR:13.6% anal depressor muscle (larva); 2.86x p:7.0e-04 FDR:14.5%	C05G5.1 , C07A12.4 , C13C4.5 , D1007.12 , F10B5.1 , F15D3.1 , F17C11.8 , F25H2.5 , F32E10.4 , F54D7.4 , F55C5.8 , M01F1.3 , M03A1.6 , R08D7.6 , R12E2.3 , T05E11.1 , T23B12.6 , W03F9.10 , Y38F1A.6 , Y48B6A.6 , Y71F9AL.9 , ZC116.3 , ZK1127.10
1578		135	intestinal (adult); 1.17x p:3.2e-04 FDR:10.2% body wall muscle (adult); 1.22x p:7.0e-04 FDR:14.5%	AC7.2 , B0228.7 , B0272.3 , B0334.4 , B0336.4 , B0412.1 , B0412.4 , B0414.5 , B0464.5 , C01B7.4 , C01F6.6 , C02A12.1 , C04E6.10 , C05D10.3 , C05D11.2 , C05G5.1 , C07A12.4 , C08B11.3 , C10G8.8 , C13C4.5 , C17E4.5 , C27A7.4 , C29H12.2 , C31C9.2 , C32D5.2 , C32E8.9 , C34F11.3 , C36E8.5 , C37E2.5 , C38H2.2 , C44E4.4 , C47B2.8 , C50F2.8 , C54G4.1 , D1007.12 , D1054.10 , DY3.6 , F01D5.9 , F07B10.1 , F08C6.3 , F10B5.1 , F10G7.8 , F12F6.5 , F15D3.1 , F16A11.1 , F17C11.8 , F20D6.5 , F22E10.1 , F25H2.5 , F25H2.8 , F26F12.7 , F28F5.6 , F28F8.6 , F29G9.5 , F32E10.4 , F33A8.5 , F38A1.8 , F38A5.2 , F38A6.1 , F38E9.2 , F46B6.7 , F54A5.3 , F54D7.4 , F54D8.3 , F55C5.8 , F55D10.3 , F58E10.3 , F59A3.1 , H28G03.6 , JC8.3 , K03A11.3 , K07C5.8 , K08E3.5 , K08F11.5 , K11E4.5 , M01F1.3 , M03A1.6 , M03F4.3 , M03F4.7 , M03F8.3 , M106.3 , M110.4 , M176.2 , R05D3.2 , R07B7.10 , R08D7.6 , R08H2.1 , R09A8.3 , R12E2.3 , R13A5.6 , R13F6.3 , T02C12.1 , T03F6.3 , T04C12.4 , T05E11.1 , T05E11.3 , T09A5.1 , T10C6.11 , T12D8.1 , T13H5.6 , T20G5.2 , T21C12.2 , T23B12.6 , T23G7.4 , T25E12.4 , T26A5.5 , W02A2.1 , W03F9.10 , W08G11.4 , W09C5.6 , Y105E8B.1 , Y24F12A.2 , Y37E11B.5 , Y38F1A.6 , Y42G9A.3 , Y43F8C.12 , Y45G12C.2 , Y48B6A.6 , Y50D7A.8 , Y53C12B.1 , Y62E10A.13 , Y65B4BL.5 , Y71F9AL.9 , Y71G12B.15 , Y73B6BL.30 , Y87G2A.8 , ZC116.3 , ZC13.1 , ZC506.1 , ZC506.3 , ZK1127.10 , ZK177.8 , ZK430.2 , ZK512.2 , ZK909.2
1549		197	Jiang M. *et al.* group 11; 3.76x p:6.9e-04 FDR:14.5%	B0024.14 , B0035.5 , B0252.2 , B0286.4 , B0336.10 , B0393.1 , B0511.10 , B0545.1 , C01B7.6 , C02E11.1 , C03A3.2 , C03C10.1 , C03G5.1 , C03H5.2 , C04C3.3 , C04G2.6 , C05B10.1 , C05D11.12 , C06A8.3 , C06C6.4 , C06H2.4 , C07H6.7 , C08A9.1 , C08B6.8 , C09B8.1 , C09D4.5 , C10G8.7 , C11E4.1 , C11H1.3 , C12D8.1 , C17G10.9 , C17H11.6 , C18A3.5 , C18D11.4 , C18H9.7 , C24A11.8 , C25A11.4 , C25D7.7 , C27D8.4 , C27H6.1 , C30C11.4 , C30H6.2 , C32F10.8 , C33A12.1 , C34E10.6 , C34G6.4 , C37E2.1 , C37H5.6 , C41D11.2 , C44B12.2 , C46H11.11 , C50D2.2 , C51E3.7 , C54H2.5 , C56G2.3 , D2024.6 , D2030.5 , DH11.1 , E04A4.8 , F02D8.3 , F02E8.5 , F07B7.13 , F08B12.3 , F08C6.7 , F08F3.3 , F09E5.3 , F09G2.8 , F11D5.3 , F12F3.1 , F13B12.1 , F19H6.1 , F20D12.3 , F25B3.3 , F25B3.6 , F25F2.2 , F26H9.2 , F26H9.3 , F28B4.2 , F28F5.3 , F28F9.1 , F28H7.9 , F29G6.2 , F30A10.8 , F31C3.3 , F32F2.1 , F33C8.3 , F35H12.2 , F36H1.2 , F39C12.2 , F41B5.10 , F42A9.1 , F42G10.2 , F42G8.12 , F43G9.5 , F45E10.1 , F46C5.3 , F46F6.2 , F46G10.7 , F47B10.2 , F47G9.1 , F48E3.3 , F53E2.1 , F54C4.1 , F54G8.4 , F56C9.1 , F56D12.5 , F58A3.1 , F58G4.1 , H28O16.1 , JC8.10 , K02A4.2 , K04F10.2 , K07A9.2 , K07H8.6 , K09A9.6 , K10B3.8 , K11E8.1 , K11G9.6 , M02B7.5 , M142.1 , M18.1 , M6.1 , R04A9.4 , R05F9.1 , R05G6.7 , R07G3.8 , R08B4.2 , R09E12.3 , R10E11.1 , R11G11.2 , R144.7 , R53.4 , T01B10.2 , T01C8.5 , T01C8.7 , T04A6.1 , T04A8.11 , T04B2.3 , T04D1.3 , T05A1.3 , T05B11.3 , T05C12.10 , T07C4.9 , T07F10.1 , T08G11.1 , T09B4.8 , T09F3.2 , T10A3.1 , T10H9.4 , T18D3.4 , T18D3.4 , T18D3.4 , T18D3.4 , T18D3.4 , T19D7.4 , T21B10.7 , T22B2.4 , T22C1.6 , T22D1.3 , T23H2.2 , T24D11.1 , T25G12.4 , T27A1.4 , T27B1.1 , T27E9.4 , W01A11.1 , W02B12.10 , W04D2.1 , W05E10.4 , W05H12.1 , W08D2.7 , W08E12.3 , W09G3.2 , Y104H12A.1 , Y111B2A.11 , Y119C1B.8 , Y32H12A.8 , Y37A1B.5 , Y37E11C.1 , Y39A1B.2 , Y47G6A.7 , Y48C3A.10 , Y49A3A.2 , Y51H4A.17 , Y55F3AM.3 , Y59C2A.2 , Y62F5A.1 , Y69A2AR.18 , Y71F9B.3 , Y73F4A.2 , Y75B7AR.1 , Y82E9BR.3 , ZC101.2 , ZC247.3 , ZC482.5 , ZK370.2 , ZK792.4
1524		6	carbohydrate metabolism; 14.60x p:6.8e-04 FDR:14.2%	C36A4.9 , F09F7.4 , F44E7.2 , F59B8.2 , K07A3.1 , R11A5.4
1208		18	transferase activity; 5.26x p:3.6e-05 FDR:3.4% body wall muscle (larva); 1.97x p:1.8e-04 FDR:7.1% body wall muscle (adult); 1.93x p:2.3e-04 FDR:8.3% positive regulation of growth rate; 3.32x p:4.5e-04 FDR:12.4% regulation of growth rate; 3.32x p:4.5e-04 FDR:12.4% development; 2.02x p:6.7e-04 FDR:14.1%	B0336.2 , C04F6.4 , C05D11.5 , C06E7.1 , C37F5.1 , C50D2.7 , F23B12.5 , F40F11.2 , H39E23.1 , K02A4.1 , R07E5.7 , R07H5.8 , T05H4.1 , T14F9.1 , T14F9.3 , T17E9.1 , T19E7.3 , Y48G8AL.8
1182		10	Hill AA. *et al* cluster 1 5; 16.92x p:6.7e-04 FDR:14.1%	F08F8.7 , F20G4.1 , F20H11.5 , F26A1.14 , F38E9.1 , F54D8.2 , K06A5.6 , W06D4.1 , Y25C1A.13 , ZK973.6
1304		103	DNA metabolism; 4.25x p:6.5e-04 FDR:13.8%	B0285.7 , B0336.3 , B0361.6 , B0457.1 , C01B12.3 , C03B8.4 , C04A2.3 , C04B4.2 , C05B5.7 , C09E10.2 , C09G4.1 , C09H6.2 , C11D2.4 , C13C4.4 , C14A4.11 , C15C7.1 , C18G1.2 , C25A1.5 , C27A2.6 , C34B4.1 , C36E8.3 , C37A2.4 , C37C3.6 , C42D8.8 , C44H4.4 , C46C11.1 , C47B2.5 , C47D12.8 , D1037.3 , F01G4.1 , F09F7.2 , F10E7.4 , F14E5.4 , F14F3.2 , F21F8.3 , F22A3.1 , F22B3.1 , F28D1.2 , F32D1.10 , F33H2.1 , F33H2.3 , F35G12.6 , F37A4.6 , F39H12.4 , F46E10.9 , F48E3.1 , F52B10.1 , F53C11.5 , F54D7.2 , F55A4.8 , F56B6.4 , F58B3.5 , F59F4.1 , H20J18.1 , K03A1.5 , K04A8.6 , K04H4.1 , K07B1.4 , K07C11.4 , K08E7.3 , K11D2.2 , M01D7.6 , M02D8.4 , M04B2.1 , M163.3 , M28.7 , R03E9.3 , R12B2.5 , R12E2.10 , R144.10 , R151.2 , T08B2.10 , T12D8.6 , T14D7.1 , T14G12.3 , T21H3.1 , T23G5.1 , T26A5.7 , T28D9.1 , W02B12.9 , W02D3.7 , W02D3.9 , W04C9.1 , W08E3.3 , W09H1.5 , Y102A11A.2 , Y22D7AR.10 , Y32F6A.3 , Y39A1A.15 , Y39B6A.35 , Y4C6B.5 , Y50D7A.6 , Y54G2A.11 , Y54G2A.17 , Y55D9A.2 , Y55F3AL.1 , Y71H2B.10 , ZC308.1 , ZK1193.5 , ZK337.1 , ZK381.5 , ZK632.6 , ZK637.11
1197		356	vulval muscle (adult); 1.47x p:2.8e-06 FDR:0.4% ventral nerve cord (larva); 1.51x p:4.8e-06 FDR:1.0% ventral nerve cord (adult); 1.50x p:7.4e-06 FDR:1.2% dorsal nerve cord (adult); 1.94x p:9.9e-05 FDR:5.4% body neurons (adult); 1.58x p:1.3e-04 FDR:6.1% body neurons (larva); 1.55x p:3.3e-04 FDR:10.3% tail neurons (larva); 1.33x p:5.2e-04 FDR:13.5% nerve ring (larva); 1.39x p:5.6e-04 FDR:13.5% dorsal nerve cord (larva); 1.91x p:5.8e-04 FDR:13.5% nerve ring (adult); 1.39x p:5.9e-04 FDR:13.7% body wall muscle (larva); 1.28x p:6.4e-04 FDR:13.7%	B0024.14 , B0035.5 , B0041.7 , B0228.4 , B0244.2 , B0252.2 , B0286.4 , B0304.1 , B0336.10 , B0336.2 , B0393.1 , B0416.5 , B0511.10 , B0545.1 , B0547.1 , C01B7.6 , C02C6.1 , C02E11.1 , C02F4.2 , C03A3.2 , C03C10.1 , C03G5.1 , C03H5.2 , C04C3.3 , C04F6.4 , C04G2.6 , C04G6.3 , C05B10.1 , C05D11.10 , C05D11.12 , C05D11.5 , C06A5.7 , C06A8.1 , C06A8.3 , C06B3.4 , C06B8.8 , C06C6.4 , C06E7.1 , C06G4.2 , C06H2.4 , C07H6.7 , C08A9.1 , C08B6.8 , C09B8.1 , C09D4.5 , C09G12.9 , C10G8.7 , C11E4.1 , C11H1.3 , C12D8.1 , C13B9.4 , C13G3.3 , C15H9.1 , C17G10.9 , C17H11.6 , C18A3.5 , C18D11.4 , C18H9.7 , C24A11.8 , C24G6.4 , C25A11.4 , C25D7.7 , C26D10.2 , C27D8.4 , C27H6.1 , C28H8.11 , C30C11.4 , C30F12.6 , C30F8.2 , C30H6.2 , C30H7.2 , C32F10.8 , C33A12.1 , C33D12.2 , C34E10.6 , C34F11.9 , C34G6.4 , C37E2.1 , C37F5.1 , C37H5.6 , C41D11.2 , C44B12.2 , C44C1.4 , C45B11.1 , C46H11.11 , C50D2.2 , C50D2.7 , C51E3.7 , C52E12.2 , C54H2.5 , C55B6.2 , C55H1.2 , C56G2.3 , D1007.7 , D2024.6 , D2030.5 , D2089.4 , DH11.1 , E01H11.1 , E04A4.8 , F02D8.3 , F02E8.5 , F07A11.2 , F07B7.13 , F08B12.3 , F08C6.7 , F08F3.3 , F09E5.3 , F09G2.8 , F10E7.5 , F10G7.2 , F11D5.3 , F11F1.1 , F12F3.1 , F13B12.1 , F14F4.3 , F17C8.5 , F19B6.1 , F19H6.1 , F20B6.2 , F20D1.1 , F20D12.3 , F20D6.11 , F23B12.5 , F23F12.6 , F25B3.3 , F25B3.6 , F25B5.1 , F25F2.2 , F25G6.4 , F26H9.2 , F26H9.3 , F27D9.5 , F28B4.2 , F28D1.7 , F28F5.3 , F28F9.1 , F28H7.9 , F29G6.2 , F30A10.8 , F31B12.1 , F31C3.3 , F32A6.4 , F32D8.6 , F32F2.1 , F33C8.3 , F35A5.8 , F35D11.3 , F35G2.4 , F35H12.2 , F36H1.2 , F38A5.13 , F38B7.1 , F38H4.9 , F39C12.2 , F39G3.8 , F40F11.2 , F41B5.10 , F41E6.13 , F41G4.1 , F42A9.1 , F42G10.2 , F42G8.12 , F42G9.9 , F43G9.1 , F43G9.5 , F45E10.1 , F45E6.2 , F46C5.3 , F46C5.8 , F46F6.2 , F46G10.7 , F46H5.4 , F47B10.2 , F47B3.8 , F47D12.4 , F47G9.1 , F48E3.3 , F52B5.1 , F52D10.2 , F52E4.1 , F53E2.1 , F54C1.7 , F54C4.1 , F54E2.3 , F54G8.4 , F55A12.3 , F55A12.8 , F55A12.9 , F56C9.1 , F56D12.1 , F56D12.5 , F56H11.1 , F58A3.1 , F58G4.1 , F59F4.2 , H28O16.1 , H37N21.1 , H39E23.1 , JC8.10 , K02A4.1 , K02A4.2 , K03E6.4 , K04F10.2 , K07A9.2 , K07H8.6 , K08F8.6 , K09A9.6 , K10B3.1 , K10B3.8 , K11D2.3 , K11E8.1 , K11G9.6 , M02B7.5 , M142.1 , M18.1 , M195.3 , M6.1 , R03D7.4 , R04A9.4 , R05F9.1 , R05F9.6 , R05G6.7 , R05H10.2 , R06B10.5 , R07B7.11 , R07E5.7 , R07G3.8 , R07H5.8 , R08B4.2 , R09E12.3 , R10E11.1 , R11G11.2 , R13.1 , R144.7 , R53.4 , T01B10.2 , T01C8.5 , T01C8.7 , T02G5.9 , T04A6.1 , T04A8.11 , T04B2.3 , T04C10.2 , T04D1.3 , T04F8.1 , T05A1.3 , T05A12.2 , T05A7.4 , T05B11.3 , T05C12.10 , T05D4.1 , T05H4.1 , T07C4.9 , T07F10.1 , T08G11.1 , T09B4.8 , T09B4.9 , T09F3.2 , T10A3.1 , T10B11.2 , T10C6.5 , T10H9.4 , T10H9.5 , T11A5.6 , T12G3.1 , T14F9.1 , T14F9.3 , T17E9.1 , T17H7.4 , T18D3.4 , T18D3.4 , T18D3.4 , T18D3.4 , T18D3.4 , T19A6.2 , T19D7.4 , T19E7.3 , T21B10.2 , T21B10.7 , T21D12.3 , T22B2.4 , T22C1.6 , T22D1.3 , T23H2.2 , T24B8.1 , T24D11.1 , T25G12.4 , T27A1.4 , T27B1.1 , T27B7.3 , T27E9.4 , T28F3.3 , W01A11.1 , W02B12.10 , W04D2.1 , W05E10.4 , W05E7.3 , W05H12.1 , W08D2.7 , W08E12.3 , W08F4.3 , W09G3.2 , Y104H12A.1 , Y108G3AL.1 , Y110A7A.20 , Y111B2A.11 , Y119C1B.5 , Y119C1B.8 , Y25C1A.5 , Y32H12A.1 , Y32H12A.5 , Y32H12A.8 , Y37A1B.5 , Y37E11AR.2 , Y37E11C.1 , Y39A1B.2 , Y42G9A.4 , Y43F4A.1 , Y47G6A.7 , Y48C3A.10 , Y48G8AL.8 , Y48G9A.4 , Y48G9A.8 , Y49A3A.2 , Y50E8A.16 , Y51H4A.17 , Y51H7C.11 , Y54E2A.11 , Y54E5A.1 , Y54E5A.7 , Y54G11A.7 , Y54G2A.18 , Y55F3AM.3 , Y59C2A.2 , Y62F5A.1 , Y69A2AR.18 , Y71F9AL.17 , Y71F9B.3 , Y73E7A.3 , Y73F4A.2 , Y75B12B.2 , Y75B7AR.1 , Y82E9BR.3 , ZC101.2 , ZC247.3 , ZC404.9 , ZC482.5 , ZK1058.2 , ZK370.2 , ZK470.5 , ZK652.1 , ZK652.5 , ZK688.2 , ZK792.4 , ZK829.4
1194		15	phasmids (adult); 17.09x p:4.8e-05 FDR:3.7% phasmids (larva); 17.09x p:4.8e-05 FDR:3.7% amphids (adult); 12.35x p:2.0e-04 FDR:7.3% amphids (larva); 12.35x p:2.0e-04 FDR:7.3% dorsal nerve cord (larva); 9.26x p:6.4e-04 FDR:13.7%	C51E3.7 , F20D12.3 , F26H9.2 , F28F9.1 , F31C3.3 , F39C12.2 , JC8.10 , K02A4.2 , K07A9.2 , T04D1.3 , T10A3.1 , T10H9.4 , T22D1.3 , T23H2.2 , T27B1.1
1682		15	DNA metabolism; 14.60x p:6.2e-04 FDR:13.6%	C03B8.4 , C14A4.11 , C27A2.6 , F01G4.1 , F32D1.10 , F33H2.1 , F33H2.3 , F39H12.4 , F46E10.9 , M01D7.6 , T12D8.6 , T23G5.1 , W09H1.5 , Y55D9A.2 , ZK632.6

1458		142	pharynx (adult); 1.45x p:6.1e-04 FDR:13.5%	B0024.14 , B0035.5 , B0252.2 , B0286.4 , B0336.10 , B0393.1 , B0511.10 , B0545.1 , C01B7.6 , C02E11.1 , C03A3.2 , C03C10.1 , C03G5.1 , C03H5.2 , C04C3.3 , C04G2.6 , C05B10.1 , C06C6.4 , C07H6.7 , C08A9.1 , C08B6.8 , C09B8.1 , C09D4.5 , C10G8.7 , C11H1.3 , C12D8.1 , C17G10.9 , C17H11.6 , C18A3.5 , C18D11.4 , C24A11.8 , C25D7.7 , C27D8.4 , C27H6.1 , C30C11.4 , C30H6.2 , C32F10.8 , C33A12.1 , C34E10.6 , C34G6.4 , C37E2.1 , C37H5.6 , C41D11.2 , C44B12.2 , C46H11.11 , C50D2.2 , D2024.6 , D2030.5 , DH11.1 , E04A4.8 , F02D8.3 , F07B7.13 , F08B12.3 , F08C6.7 , F09G2.8 , F11D5.3 , F12F3.1 , F13B12.1 , F25B3.6 , F26H9.3 , F28F5.3 , F29G6.2 , F30A10.8 , F33C8.3 , F35H12.2 , F36H1.2 , F41B5.10 , F42A9.1 , F42G8.12 , F43G9.5 , F46F6.2 , F46G10.7 , F47G9.1 , F48E3.3 , F53E2.1 , F54C4.1 , F54G8.4 , F56C9.1 , F56D12.5 , F58G4.1 , H28O16.1 , K04F10.2 , K07H8.6 , K09A9.6 , M142.1 , M18.1 , M6.1 , R04A9.4 , R05F9.1 , R07G3.8 , R08B4.2 , R11G11.2 , R144.7 , R53.4 , T01C8.5 , T01C8.7 , T04A6.1 , T04B2.3 , T05A1.3 , T05B11.3 , T07C4.9 , T07F10.1 , T08G11.1 , T09B4.8 , T09F3.2 , T19D7.4 , T21B10.7 , T22B2.4 , T22C1.6 , T24D11.1 , T25G12.4 , T27A1.4 , T27E9.4 , W02B12.10 , W04D2.1 , W05E10.4 , W05H12.1 , W08D2.7 , W08E12.3 , W09G3.2 , Y104H12A.1 , Y111B2A.11 , Y119C1B.8 , Y32H12A.8 , Y37A1B.5 , Y37E11C.1 , Y39A1B.2 , Y47G6A.7 , Y48C3A.10 , Y51H4A.17 , Y55F3AM.3 , Y62F5A.1 , Y69A2AR.18 , Y71F9B.3 , Y73F4A.2 , Y75B7AR.1 , Y82E9BR.3 , ZC101.2 , ZC247.3 , ZC482.5 , ZK370.2 , ZK792.4
1483		84	development; 1.49x p:1.7e-04 FDR:7.0% positive regulation of growth rate; 1.90x p:6.0e-04 FDR:13.5% regulation of growth rate; 1.90x p:6.0e-04 FDR:13.5% body wall muscle (larva); 1.63x p:6.1e-04 FDR:13.4%	B0304.1 , B0336.2 , B0416.5 , B0547.1 , C02F4.2 , C04F6.4 , C05D11.10 , C05D11.5 , C06A5.7 , C06A8.1 , C06B8.8 , C06E7.1 , C13B9.4 , C13G3.3 , C28H8.11 , C33D12.2 , C37F5.1 , C45B11.1 , C50D2.7 , C55B6.2 , F11F1.1 , F19B6.1 , F20B6.2 , F23B12.5 , F23F12.6 , F27D9.5 , F28D1.7 , F31B12.1 , F32D8.6 , F35A5.8 , F35D11.3 , F35G2.4 , F38A5.13 , F40F11.2 , F45E6.2 , F46C5.8 , F46H5.4 , F47B3.8 , F47D12.4 , F52E4.1 , F54E2.3 , F55A12.9 , F59F4.2 , H39E23.1 , K02A4.1 , K08F8.6 , R03D7.4 , R05F9.6 , R06B10.5 , R07E5.7 , R07H5.8 , T02G5.9 , T05D4.1 , T05H4.1 , T09B4.9 , T10B11.2 , T10C6.5 , T10H9.5 , T14F9.1 , T14F9.3 , T17E9.1 , T17H7.4 , T19A6.2 , T19E7.3 , T24B8.1 , W08F4.3 , Y108G3AL.1 , Y119C1B.5 , Y25C1A.5 , Y42G9A.4 , Y48G8AL.8 , Y48G9A.4 , Y48G9A.8 , Y51H7C.11 , Y54E2A.11 , Y54E5A.7 , Y54G2A.18 , Y71F9AL.17 , ZC404.9 , ZK1058.2 , ZK470.5 , ZK652.1 , ZK688.2 , ZK829.4
1639		5	transcription factor activity; 14.60x p:6.0e-04 FDR:13.4%	C04F1.3 , F08A8.2 , F14H3.11 , F46F3.1 , R53.5
1362		44	body wall muscle (adult); 1.55x p:2.6e-04 FDR:9.3% topomap mount 23; 4.73x p:6.0e-04 FDR:13.4%	B0228.7 , B0412.4 , B0464.5 , C01F6.6 , C04E6.10 , C05D11.2 , C05G5.1 , C07A12.4 , C13C4.5 , C29H12.2 , D1007.12 , F07B10.1 , F10B5.1 , F12F6.5 , F15D3.1 , F17C11.8 , F25H2.5 , F32E10.4 , F38E9.2 , F46B6.7 , F54D7.4 , F55C5.8 , JC8.3 , K08E3.5 , M01F1.3 , M03A1.6 , R08D7.6 , R09A8.3 , R12E2.3 , R13F6.3 , T05E11.1 , T05E11.3 , T20G5.2 , T21C12.2 , T23B12.6 , W03F9.10 , Y38F1A.6 , Y43F8C.12 , Y48B6A.6 , Y65B4BL.5 , Y71F9AL.9 , ZC116.3 , ZK1127.10 , ZK909.2
1240		20	phasmids (adult); 13.99x p:1.5e-04 FDR:6.6% phasmids (larva); 13.99x p:1.5e-04 FDR:6.6% dorsal nerve cord (adult); 7.84x p:3.9e-04 FDR:11.7% amphids (adult); 10.10x p:6.0e-04 FDR:13.4% amphids (larva); 10.10x p:6.0e-04 FDR:13.4%	C05D11.12 , C06A8.3 , C18H9.7 , C51E3.7 , F20D12.3 , F25B3.3 , F26H9.2 , F28F9.1 , F31C3.3 , F32F2.1 , F39C12.2 , JC8.10 , K02A4.2 , K07A9.2 , T04D1.3 , T10A3.1 , T10H9.4 , T22D1.3 , T23H2.2 , T27B1.1
1141		43	Jiang M. *et al.* group 2; 3.46x p:6.0e-04 FDR:13.6%	B0285.7 , C03B8.4 , C04B4.2 , C14A4.11 , C15C7.1 , C18G1.2 , C27A2.6 , C37A2.4 , C42D8.8 , F01G4.1 , F09F7.2 , F14F3.2 , F28D1.2 , F32D1.10 , F33H2.1 , F33H2.3 , F39H12.4 , F46E10.9 , F48E3.1 , F53C11.5 , F59F4.1 , K04A8.6 , K07B1.4 , K11D2.2 , M01D7.6 , M02D8.4 , M28.7 , T12D8.6 , T23G5.1 , T26A5.7 , T28D9.1 , W02D3.7 , W02D3.9 , W09H1.5 , Y22D7AR.10 , Y39A1A.15 , Y39B6A.35 , Y54G2A.11 , Y55D9A.2 , ZK1193.5 , ZK381.5 , ZK632.6 , ZK637.11
1364		69	Jiang M. *et al.* group 3; 2.10x p:6.0e-04 FDR:13.6%	B0228.7 , B0272.3 , B0334.4 , B0336.4 , B0412.1 , B0412.4 , B0464.5 , C01F6.6 , C04E6.10 , C05D11.2 , C05G5.1 , C07A12.4 , C10G8.8 , C13C4.5 , C29H12.2 , C31C9.2 , C32D5.2 , C38H2.2 , C44E4.4 , D1007.12 , F07B10.1 , F10B5.1 , F10G7.8 , F12F6.5 , F15D3.1 , F17C11.8 , F25H2.5 , F29G9.5 , F32E10.4 , F38E9.2 , F46B6.7 , F54A5.3 , F54D7.4 , F55C5.8 , F55D10.3 , H28G03.6 , JC8.3 , K03A11.3 , K08E3.5 , K08F11.5 , M01F1.3 , M03A1.6 , M110.4 , R05D3.2 , R08D7.6 , R09A8.3 , R12E2.3 , R13F6.3 , T04C12.4 , T05E11.1 , T05E11.3 , T20G5.2 , T21C12.2 , T23B12.6 , W03F9.10 , W09C5.6 , Y105E8B.1 , Y38F1A.6 , Y42G9A.3 , Y43F8C.12 , Y48B6A.6 , Y50D7A.8 , Y53C12B.1 , Y65B4BL.5 , Y71F9AL.9 , ZC116.3 , ZK1127.10 , ZK177.8 , ZK909.2
1662		7	excretory cell (larva); 5.56x p:6.0e-04 FDR:13.7%	B0336.10 , C09D4.5 , C17G10.9 , F33C8.3 , F56D12.5 , R53.4 , W02B12.10
1128		4	monovalent inorganic cation transporter activity; 54.75x p:7.8e-06 FDR:1.3% hydrogen ion transporter activity; 54.75x p:7.8e-06 FDR:1.3% primary active transporter activity; 41.06x p:2.0e-05 FDR:2.6% carrier activity; 25.27x p:9.1e-05 FDR:5.2% cation transporter activity; 22.66x p:1.1e-04 FDR:5.8% ion transporter activity; 18.25x p:2.3e-04 FDR:8.4% energy pathways; 13.69x p:6.0e-04 FDR:13.6%	C34E10.6 , F42G8.12 , R04A9.4 , Y69A2AR.18
1548		87	intestinal (adult); 1.34x p:5.9e-04 FDR:13.6%	AH6.10 , B0041.4 , B0041.5 , B0546.1 , C05D11.11 , C06E8.3 , C06G1.5 , C09F5.2 , C10E2.6 , C14A4.1 , C16C10.6 , C17H12.14 , C25A1.11 , C33A12.3 , C33H5.18 , C34B2.5 , C34D4.11 , C35B1.1 , C39F7.4 , C47A10.1 , C50F7.4 , C53B4.7 , C54D2.5 , CD4.2 , D1054.15 , D2007.2 , D2030.2 , F01G10.1 , F01G4.6 , F02E9.2 , F07D10.1 , F10D2.9 , F10E9.6 , F11A10.5 , F22D6.2 , F25B4.2 , F25B5.6 , F26H9.5 , F27D4.1 , F29F11.6 , F32B6.2 , F35E8.11 , F37H8.5 , F40F9.6 , F41C3.5 , F41H10.8 , F42A8.2 , F47H4.1 , F53A9.8 , F53C11.3 , F53E10.1 , H37A05.1 , K02D7.1 , K02F2.2 , K04D7.3 , K08D12.3 , K11D9.2 , K12F2.1 , M88.5 , R02F2.1 , R05F9.10 , R10H10.5 , R11A5.1 , R11H6.1 , R13A5.1 , R166.2 , T03E6.7 , T04H1.2 , T07H3.1 , T10B11.6 , T11F9.11 , T21C9.2 , T22B11.5 , T25G12.5 , T27E9.7 , W02B3.4 , W02C12.3 , W05H9.1 , W06H8.8 , Y110A7A.9 , Y24D9A.4 , Y48G10A.1 , Y73F8A.34 , Y76B12C.2 , Y87G2A.3 , ZC373.1 , ZC416.6
1626		7	developing spermatheca (larva); 16.67x p:1.4e-04 FDR:6.2% spermatheca (adult); 5.65x p:5.6e-04 FDR:13.5%	C30H7.2 , C55H1.2 , F14F4.3 , K10B3.1 , R05H10.2 , T21B10.2 , T21D12.3
1444		477	intestinal (adult); 1.13x p:4.5e-05 FDR:3.6% topomap mount 7; 1.54x p:5.6e-04 FDR:13.6%	AC7.2 , AH6.10 , B0041.4 , B0041.5 , B0228.5 , B0228.7 , B0272.3 , B0273.4 , B0285.7 , B0303.3 , B0334.4 , B0336.3 , B0336.4 , B0350.2 , B0361.6 , B0412.1 , B0412.4 , B0414.2 , B0414.5 , B0457.1 , B0464.5 , B0511.6 , B0546.1 , C01B12.3 , C01B7.4 , C01F1.6 , C01F6.6 , C02A12.1 , C03B8.4 , C04A2.3 , C04B4.2 , C04E6.10 , C04F1.3 , C04F12.5 , C04G2.7 , C05B5.7 , C05C12.3 , C05D10.3 , C05D11.11 , C05D11.2 , C05D11.6 , C05G5.1 , C06E8.3 , C06G1.5 , C06G4.4 , C06G8.1 , C07A12.4 , C08B11.3 , C09B7.1 , C09E10.2 , C09F5.2 , C09G4.1 , C09H6.2 , C10C6.5 , C10E2.6 , C10G8.8 , C10H11.1 , C10H11.9 , C11D2.4 , C13B9.3 , C13C4.4 , C13C4.5 , C14A4.1 , C14A4.11 , C15C7.1 , C15C8.7 , C15H9.6 , C16A3.10 , C16C10.4 , C16C10.6 , C17E4.5 , C17G1.5 , C17H12.14 , C18G1.2 , C25A1.11 , C25A1.5 , C26D10.1 , C27A12.5 , C27A12.8 , C27A2.6 , C27A7.4 , C29E4.8 , C29H12.2 , C30C11.2 , C31C9.2 , C32D5.2 , C32E8.9 , C33A12.3 , C33D3.1 , C33H5.18 , C34B2.5 , C34B4.1 , C34D4.11 , C34F11.3 , C35B1.1 , C36A4.9 , C36E8.3 , C36E8.5 , C37A2.4 , C37C3.6 , C37E2.5 , C38H2.2 , C39F7.2 , C39F7.4 , C42D8.8 , C44E4.4 , C44H4.4 , C45G9.13 , C46C11.1 , C47A10.1 , C47B2.5 , C47B2.8 , C47D12.8 , C48A7.1 , C49H3.10 , C50B6.7 , C50F2.8 , C50F7.4 , C53A3.2 , C53B4.7 , C54D2.4 , C54D2.5 , C54G4.1 , C55B7.9 , CD4.2 , D1007.1 , D1007.12 , D1037.3 , D1053.1 , D1054.10 , D1054.15 , D2007.2 , D2030.2 , DY3.6 , F01D5.9 , F01G10.1 , F01G4.1 , F01G4.6 , F02D8.2 , F02E9.2 , F07B10.1 , F07D10.1 , F08A8.2 , F08C6.3 , F08F8.7 , F09B9.2 , F09C3.2 , F09F7.1 , F09F7.2 , F09F7.4 , F10B5.1 , F10C1.2 , F10D2.9 , F10E7.4 , F10E9.6 , F10G7.8 , F11A10.5 , F12F6.5 , F14E5.4 , F14F3.2 , F14H3.11 , F15B10.1 , F15D3.1 , F16A11.1 , F17C11.8 , F18F11.1 , F19C6.1 , F20D12.2 , F20D6.5 , F20G4.1 , F20H11.5 , F21F8.3 , F22A3.1 , F22B3.1 , F22D6.2 , F22D6.3 , F22E10.1 , F22F7.1 , F25B4.2 , F25B5.6 , F25H2.5 , F25H2.8 , F25H8.3 , F26A1.14 , F26A1.8 , F26F12.7 , F26H9.5 , F27C8.1 , F27D4.1 , F28D1.2 , F28F5.6 , F28F8.6 , F29F11.6 , F29G9.5 , F31A9.3 , F32B6.2 , F32D1.10 , F32E10.4 , F33A8.5 , F33H2.1 , F33H2.3 , F35E8.11 , F35G12.6 , F35G12.8 , F35H8.5 , F35H8.6 , F36H2.3 , F37A4.6 , F37H8.5 , F38A1.8 , F38A5.2 , F38A6.1 , F38E9.1 , F38E9.2 , F39H12.4 , F40F9.6 , F40G9.2 , F41C3.5 , F41E7.3 , F41H10.8 , F42A10.6 , F42A8.2 , F42E11.1 , F44E7.2 , F45E4.9 , F45H10.1 , F46A9.6 , F46B6.7 , F46E10.9 , F46F3.1 , F47A4.2 , F47H4.1 , F48E3.1 , F48E8.1 , F49H12.6 , F52B10.1 , F53A3.3 , F53A9.8 , F53C11.3 , F53C11.5 , F53E10.1 , F53E4.1 , F54A5.3 , F54C9.4 , F54D7.2 , F54D7.4 , F54D8.2 , F54D8.3 , F55A4.1 , F55A4.8 , F55B12.1 , F55C5.8 , F55D10.3 , F56B6.4 , F56C9.10 , F56H11.4 , F58A3.2 , F58B3.5 , F58E10.3 , F59A3.1 , F59B8.2 , F59F4.1 , H06H21.10 , H20J18.1 , H28G03.6 , H37A05.1 , JC8.3 , K01C8.10 , K02D7.1 , K02F2.2 , K02F2.6 , K03A1.5 , K03A11.3 , K03H1.4 , K04A8.6 , K04D7.3 , K04H4.1 , K06A5.6 , K07A3.1 , K07B1.4 , K07C11.4 , K07C5.8 , K08C7.2 , K08D12.3 , K08E3.5 , K08E7.3 , K08E7.8 , K08F11.5 , K08F8.1 , K11D2.2 , K11D9.2 , K11E4.5 , K12F2.1 , M01D7.6 , M01F1.3 , M02D8.4 , M03A1.6 , M03F4.3 , M03F4.7 , M03F8.3 , M04B2.1 , M106.3 , M110.4 , M163.3 , M176.2 , M28.7 , M79.1 , M88.5 , R02F2.1 , R03E9.3 , R05D3.2 , R05F9.10 , R07B1.1 , R07B7.10 , R07E5.4 , R07H5.2 , R08D7.6 , R08E3.4 , R08H2.1 , R09A8.3 , R10H10.5 , R11A5.1 , R11A5.4 , R11G11.1 , R11H6.1 , R12B2.5 , R12C12.1 , R12E2.10 , R12E2.3 , R13A5.1 , R13A5.6 , R13F6.3 , R144.10 , R151.2 , R151.5 , R166.2 , R53.5 , R74.7 , T01G1.2 , T02C12.1 , T03E6.7 , T03F6.3 , T04A8.16 , T04C12.4 , T04G9.5 , T04H1.2 , T05E11.1 , T05E11.3 , T05H10.3 , T07H3.1 , T08B2.10 , T08D10.1 , T09A5.1 , T10B11.6 , T10C6.11 , T11B7.4 , T11F9.11 , T12D8.1 , T12D8.6 , T13H5.6 , T14D7.1 , T14G12.3 , T20G5.2 , T20G5.6 , T21C12.2 , T21C9.2 , T21H3.1 , T22B11.5 , T23B12.6 , T23G5.1 , T23G7.4 , T25E12.4 , T25G12.5 , T26A5.5 , T26A5.7 , T26C12.1 , T27E9.7 , T28D9.1 , W01A11.3 , W02A2.1 , W02B12.9 , W02B3.4 , W02C12.3 , W02D3.7 , W02D3.9 , W03F9.10 , W04C9.1 , W05H9.1 , W06D4.1 , W06H8.8 , W08E12.5 , W08E3.3 , W08G11.4 , W09C5.6 , W09D6.6 , W09H1.5 , Y102A11A.2 , Y102A11A.6 , Y105E8B.1 , Y106G6E.5 , Y110A7A.9 , Y113G7B.16 , Y17G7B.5 , Y22D7AR.10 , Y24D9A.4 , Y24F12A.2 , Y25C1A.13 , Y32F6A.3 , Y32H12A.3 , Y34D9B.1 , Y37D8A.23 , Y37E11B.5 , Y38F1A.6 , Y39A1A.15 , Y39B6A.20 , Y39B6A.35 , Y42G9A.3 , Y43F8C.12 , Y44A6B.2 , Y45G12C.2 , Y48B6A.6 , Y48E1B.2 , Y48G10A.1 , Y48G8AR.1 , Y4C6B.5 , Y50D7A.6 , Y50D7A.7 , Y50D7A.8 , Y53C12B.1 , Y54E10BL.4 , Y54G2A.11 , Y54G2A.17 , Y55D9A.2 , Y55F3AL.1 , Y60A3A.9 , Y62E10A.13 , Y65B4BL.5 , Y67A6A.2 , Y69A2AR.4 , Y71F9AL.9 , Y71G12B.15 , Y71H2B.10 , Y73B6BL.30 , Y73C8B.4 , Y73F8A.34 , Y75B8A.9 , Y76B12C.2 , Y82E9BR.14 , Y87G2A.3 , Y87G2A.8 , Y95B8A.1 , ZC116.3 , ZC13.1 , ZC308.1 , ZC373.1 , ZC373.5 , ZC416.6 , ZC434.2 , ZC506.1 , ZC506.3 , ZK112.2 , ZK1127.10 , ZK1193.5 , ZK1290.13 , ZK177.8 , ZK337.1 , ZK370.3 , ZK370.4 , ZK381.5 , ZK430.2 , ZK512.2 , ZK632.6 , ZK637.11 , ZK792.3 , ZK909.2 , ZK970.2 , ZK973.6
1582		10	death; 16.43x p:5.6e-04 FDR:13.5%	C28H8.11 , F20B6.2 , F35G2.4 , R03D7.4 , W08F4.3 , Y54G2A.18 , Y71F9AL.17 , ZK1058.2 , ZK470.5 , ZK829.4
1546		355	vulval muscle (adult); 1.47x p:2.4e-06 FDR:0.3% ventral nerve cord (larva); 1.51x p:4.2e-06 FDR:0.6% ventral nerve cord (adult); 1.50x p:6.5e-06 FDR:1.2% dorsal nerve cord (adult); 1.94x p:9.4e-05 FDR:5.3% body neurons (adult); 1.58x p:1.2e-04 FDR:6.0% body neurons (larva); 1.55x p:3.1e-04 FDR:10.0% tail neurons (larva); 1.33x p:4.6e-04 FDR:12.9% nerve ring (larva); 1.39x p:5.1e-04 FDR:13.3% nerve ring (adult); 1.39x p:5.3e-04 FDR:13.6% dorsal nerve cord (larva); 1.91x p:5.5e-04 FDR:13.6% body wall muscle (larva); 1.28x p:5.6e-04 FDR:13.6%	B0024.14 , B0035.5 , B0041.7 , B0228.4 , B0244.2 , B0252.2 , B0286.4 , B0304.1 , B0336.10 , B0336.2 , B0393.1 , B0416.5 , B0511.10 , B0545.1 , B0547.1 , C01B7.6 , C02C6.1 , C02E11.1 , C02F4.2 , C03A3.2 , C03C10.1 , C03G5.1 , C03H5.2 , C04C3.3 , C04F6.4 , C04G2.6 , C04G6.3 , C05B10.1 , C05D11.10 , C05D11.12 , C05D11.5 , C06A5.7 , C06A8.1 , C06A8.3 , C06B3.4 , C06B8.8 , C06C6.4 , C06E7.1 , C06G4.2 , C06H2.4 , C07H6.7 , C08A9.1 , C08B6.8 , C09B8.1 , C09D4.5 , C09G12.9 , C10G8.7 , C11E4.1 , C11H1.3 , C12D8.1 , C13B9.4 , C13G3.3 , C15H9.1 , C17G10.9 , C17H11.6 , C18A3.5 , C18D11.4 , C18H9.7 , C24A11.8 , C24G6.4 , C25A11.4 , C25D7.7 , C26D10.2 , C27D8.4 , C27H6.1 , C28H8.11 , C30C11.4 , C30F12.6 , C30F8.2 , C30H6.2 , C30H7.2 , C32F10.8 , C33A12.1 , C33D12.2 , C34E10.6 , C34F11.9 , C34G6.4 , C37E2.1 , C37F5.1 , C37H5.6 , C41D11.2 , C44B12.2 , C44C1.4 , C45B11.1 , C46H11.11 , C50D2.2 , C50D2.7 , C51E3.7 , C52E12.2 , C54H2.5 , C55B6.2 , C55H1.2 , C56G2.3 , D1007.7 , D2024.6 , D2030.5 , D2089.4 , DH11.1 , E01H11.1 , E04A4.8 , F02D8.3 , F02E8.5 , F07A11.2 , F07B7.13 , F08B12.3 , F08C6.7 , F08F2.3 , F09E5.3 , F09G2.8 , F10E7.5 , F10G7.2 , F11D5.3 , F11F1.1 , F12F3.1 , F13B12.1 , F14F4.3 , F17C8.5 , F19B6.1 , F19H6.1 , F20B6.2 , F20D1.1 , F20D12.3 , F20D6.11 , F23B12.5 , F23F12.6 , F25B3.3 , F25B3.6 , F25B5.1 , F25F2.2 , F25G6.4 , F26H9.2 , F26H9.3 , F27D9.5 , F28B4.2 , F28D1.7 , F28F5.3 , F28F9.1 , F28H7.9 , F29G6.2 , F30A10.8 , F31B12.1 , F31C3.3 , F32A6.4 , F32D8.6 , F32F2.1 , F33C8.3 , F35A5.8 , F35D11.3 , F35G2.4 , F35H12.2 , F36H1.2 , F38A5.13 , F38B7.1 , F38H4.9 , F39C12.2 , F39G3.8 , F40F11.2 , F41B5.10 , F41E6.13 , F41G4.1 , F42A9.1 , F42G10.2 , F42G8.12 , F42G9.9 , F43G9.1 , F43G9.5 , F45E10.1 , F45E6.2 , F46C5.3 , F46C5.8 , F46F6.2 , F46G10.7 , F46H5.4 , F47B10.2 , F47B3.8 , F47D12.4 , F47G9.1 , F48E3.3 , F52B5.1 , F52D10.2 , F52E4.1 , F53E2.1 , F54C1.7 , F54C4.1 , F54E2.3 , F54G8.4 , F55A12.3 , F55A12.8 , F55A12.9 , F56C9.1 , F56D12.1 , F56D12.5 , F56H11.1 , F58A3.1 , F58G4.1 , F59F4.2 , H28O16.1 , H37N21.1 , H39E23.1 , JC8.10 , K02A4.1 , K02A4.2 , K03E6.4 , K04F10.2 , K07A9.2 , K07H8.6 , K08F8.6 , K09A9.6 , K10B3.1 , K10B3.8 , K11D2.3 , K11E8.1 , K11G9.6 , M02B7.5 , M142.1 , M18.1 , M6.1 , R03D7.4 , R04A9.4 , R05F9.1 , R05F9.6 , R05G6.7 , R05H10.2 , R06B10.5 , R07B7.11 , R07E5.7 , R07G3.8 , R07H5.8 , R08B4.2 , R09E12.3 , R10E11.1 , R11G11.2 , R13.1 , R144.7 , R53.4 , T01B10.2 , T01C8.5 , T01C8.7 , T02G5.9 , T04A6.1 , T04A8.11 , T04B2.3 , T04C10.2 , T04D1.3 , T04F8.1 , T05A1.3 , T05A12.2 , T05A7.4 , T05B11.3 , T05C12.10 , T05D4.1 , T05H4.1 , T07C4.9 , T07F10.1 , T08G11.1 , T09B4.8 , T09B4.9 , T09F3.2 , T10A3.1 , T10B11.2 , T10C6.5 , T10H9.4 , T10H9.5 , T11A5.6 , T12G3.1 , T14F9.1 , T14F9.3 , T17E9.1 , T17H7.4 , T18D3.4 , T18D3.4 , T18D3.4 , T18D3.4 , T18D3.4 , T19A6.2 , T19D7.4 , T19E7.3 , T21B10.2 , T21B10.7 , T21D12.3 , T22B2.4 , T22C1.6 , T22D1.3 , T23H2.2 , T24B8.1 , T24D11.1 , T25G12.4 , T27A1.4 , T27B1.1 , T27B7.3 , T27E9.4 , T28F3.3 , W01A11.1 , W02B12.10 , W04D2.1 , W05E10.4 , W05E7.3 , W05H12.1 , W08D2.7 , W08E12.3 , W08F4.3 , W09G3.2 , Y104H12A.1 , Y108G3AL.1 , Y110A7A.20 , Y111B2A.11 , Y119C1B.5 , Y119C1B.8 , Y25C1A.5 , Y32H12A.1 , Y32H12A.5 , Y32H12A.8 , Y37A1B.5 , Y37E11AR.2 , Y37E11C.1 , Y39A1B.2 , Y42G9A.4 , Y43F4A.1 , Y47G6A.7 , Y48C3A.10 , Y48G8AL.8 , Y48G9A.4 , Y48G9A.8 , Y49A3A.2 , Y50E8A.16 , Y51H4A.17 , Y51H7C.11 , Y54E2A.11 , Y54E5A.1 , Y54E5A.7 , Y54G11A.7 , Y54G2A.18 , Y55F3AM.3 , Y59C2A.2 , Y62F5A.1 , Y69A2AR.18 , Y71F9AL.17 , Y71F9B.3 , Y73E7A.3 , Y73F4A.2 , Y75B12B.2 , Y75B7AR.1 , Y82E9BR.3 , ZC101.2 , ZC247.3 , ZC404.9 , ZC482.5 , ZK1058.2 , ZK370.2 , ZK470.5 , ZK652.1 , ZK652.5 , ZK688.2 , ZK792.4 , ZK829.4
1283		5	monovalent inorganic cation transporter activity; 43.80x p:1.9e-05 FDR:2.6% hydrogen ion transporter activity; 43.80x p:1.9e-05 FDR:2.6% energy pathways; 14.60x p:3.8e-05 FDR:3.4% primary active transporter activity; 32.85x p:4.9e-05 FDR:3.7% coenzymes and prosthetic group metabolism; 26.28x p:9.9e-05 FDR:5.3% cofactor metabolism; 26.28x p:9.9e-05 FDR:5.3% coenzyme metabolism; 26.28x p:9.9e-05 FDR:5.3% carrier activity; 20.22x p:2.2e-04 FDR:8.2% cation transporter activity; 18.12x p:2.8e-04 FDR:9.4% ion transporter activity; 14.60x p:5.5e-04 FDR:13.7%	C03G5.1 , C34E10.6 , F42G8.12 , R04A9.4 , Y69A2AR.18
1473		6	energy pathways; 15.21x p:2.3e-06 FDR:0.3% coenzymes and prosthetic group metabolism; 29.20x p:2.9e-06 FDR:0.3% cofactor metabolism; 29.20x p:2.9e-06 FDR:0.3% coenzyme metabolism; 29.20x p:2.9e-06 FDR:0.3% monovalent inorganic cation transporter activity; 36.50x p:3.9e-05 FDR:3.4% hydrogen ion transporter activity; 36.50x p:3.9e-05 FDR:3.4%	C03G5.1 , C34E10.6 , C37E2.1 , F42G8.12 , R04A9.4 , Y69A2AR.18

			primary active transporter activity; 27.38x p:9.7e-05 FDR:5.4% carrier activity; 16.85x p:4.4e-04 FDR:12.5% cation transporter activity; 15.10x p:5.5e-04 FDR:13.6%	
1504		476	intestinal (adult); 1.14x p:3.7e-05 FDR:3.4% topomap mount 7; 1.54x p:5.4e-04 FDR:13.6%	AC7.2 , AH6.10 , B0041.4 , B0041.5 , B0228.5 , B0228.7 , B0272.3 , B0273.4 , B0285.7 , B0303.3 , B0334.4 , B0336.3 , B0336.4 , B0350.2 , B0361.6 , B0412.1 , B0412.4 , B0414.2 , B0414.5 , B0457.1 , B0464.5 , B0511.6 , B0546.1 , C01B12.3 , C01B7.4 , C01F1.6 , C01F6.6 , C02A12.1 , C03B8.4 , C04A2.3 , C04B4.2 , C04E6.10 , C04F1.3 , C04F12.5 , C04G2.7 , C05B5.7 , C05C12.3 , C05D10.3 , C05D11.11 , C05D11.2 , C05D11.6 , C05G5.1 , C06E8.3 , C06G1.5 , C06G4.4 , C06G8.1 , C07A12.4 , C08B11.3 , C09B7.1 , C09E10.2 , C09F5.2 , C09G4.1 , C09H6.2 , C10C6.5 , C10E2.6 , C10G8.8 , C10H11.1 , C10H11.9 , C11D2.4 , C13B9.3 , C13C4.4 , C13C4.5 , C14A4.1 , C14A4.11 , C15C7.1 , C15C8.7 , C15H9.6 , C16A3.10 , C16C10.4 , C16C10.6 , C17E4.5 , C17G1.5 , C17H12.14 , C18G1.2 , C25A1.11 , C25A1.5 , C26D10.1 , C27A12.5 , C27A12.8 , C27A2.6 , C27A7.4 , C29E4.8 , C29H12.2 , C30C11.2 , C31C9.2 , C32D5.2 , C32E8.9 , C33A12.3 , C33D3.1 , C33H5.18 , C34B2.5 , C34B4.1 , C34D4.11 , C34F11.3 , C35B1.1 , C36A4.9 , C36E8.3 , C36E8.5 , C37A2.4 , C37C3.6 , C37E2.5 , C38H2.2 , C39F7.2 , C39F7.4 , C42D8.8 , C44E4.4 , C44H4.4 , C45G9.13 , C46C11.1 , C47A10.1 , C47B2.5 , C47B2.8 , C47D12.8 , C48A7.1 , C49H3.10 , C50B6.7 , C50F2.8 , C50F7.4 , C53A3.2 , C53B4.7 , C54D2.4 , C54D2.5 , C54G4.1 , C55B7.9 , CD4.2 , D1007.1 , D1007.12 , D1037.3 , D1053.1 , D1054.10 , D1054.15 , D2007.2 , D2030.2 , DY3.6 , F01D5.9 , F01G10.1 , F01G4.1 , F01G4.6 , F02D8.2 , F02E9.2 , F07B10.1 , F07D10.1 , F08A8.2 , F08C6.3 , F08F8.7 , F09B9.2 , F09C3.2 , F09F7.1 , F09F7.2 , F09F7.4 , F10B5.1 , F10C1.2 , F10D2.9 , F10E7.4 , F10E9.6 , F10G7.8 , F11A10.5 , F12F6.5 , F14E5.4 , F14F3.2 , F14H3.11 , F15B10.1 , F15D3.1 , F16A11.1 , F17C11.8 , F18F11.1 , F19C6.1 , F20D12.2 , F20D6.5 , F20G4.1 , F20H11.5 , F21F8.3 , F22A3.1 , F22B3.1 , F22D6.2 , F22D6.3 , F22E10.1 , F22F7.1 , F25B4.2 , F25B5.6 , F25H2.5 , F25H2.8 , F25H8.3 , F26A1.14 , F26A1.8 , F26F12.7 , F26H9.5 , F27C8.1 , F27D4.1 , F28D1.2 , F28F5.6 , F28F8.6 , F29F11.6 , F29G9.5 , F31A9.3 , F32B6.2 , F32D1.10 , F32E10.4 , F33A8.5 , F33H2.1 , F33H2.3 , F35E8.11 , F35G12.6 , F35G12.8 , F35H8.5 , F35H8.6 , F36H2.3 , F37A4.6 , F37H8.5 , F38A1.8 , F38A5.2 , F38A6.1 , F38E9.1 , F38E9.2 , F39H12.4 , F40F9.6 , F40G9.2 , F41C3.5 , F41E7.3 , F41H10.8 , F42A10.6 , F42A8.2 , F42E11.1 , F44E7.2 , F45E4.9 , F45H10.1 , F46A9.6 , F46B6.7 , F46E10.9 , F46F3.1 , F47A4.2 , F47H4.1 , F48E3.1 , F48E8.1 , F49H12.6 , F52B10.1 , F53A3.3 , F53A9.8 , F53C11.3 , F53C11.5 , F53E10.1 , F53E4.1 , F54A5.3 , F54C9.4 , F54D7.2 , F54D7.4 , F54D8.2 , F54D8.3 , F55A4.1 , F55A4.8 , F55B12.1 , F55C5.8 , F55D10.3 , F56B6.4 , F56C9.10 , F56H11.4 , F58A3.2 , F58B3.5 , F58E10.3 , F59A3.1 , F59B8.2 , F59F4.1 , H06H21.10 , H20J18.1 , H28G03.6 , H37A05.1 , JC8.3 , K01C8.10 , K02D7.1 , K02F2.2 , K02F2.6 , K03A1.5 , K03A11.3 , K03H1.4 , K04A8.6 , K04D7.3 , K04H4.1 , K06A5.6 , K07A3.1 , K07B1.4 , K07C11.4 , K07C5.8 , K08C7.2 , K08D12.3 , K08E3.5 , K08E7.3 , K08E7.8 , K08F11.5 , K08F8.1 , K11D2.2 , K11D9.2 , K11E4.5 , K12F2.1 , M01D7.6 , M01F1.3 , M02D8.4 , M03A1.6 , M03F4.3 , M03F4.7 , M03F8.3 , M04B2.1 , M106.3 , M110.4 , M163.3 , M176.2 , M28.7 , M79.1 , M88.5 , R02F2.1 , R03E9.3 , R05D3.2 , R05F9.10 , R07B1.1 , R07B7.10 , R07E5.4 , R07H5.2 , R08D7.6 , R08E3.4 , R08H2.1 , R09A8.3 , R10H10.5 , R11A5.1 , R11A5.4 , R11G11.1 , R11H6.1 , R12B2.5 , R12C12.1 , R12E2.10 , R12E2.3 , R13A5.1 , R13A5.6 , R13F6.3 , R144.10 , R151.2 , R151.5 , R166.2 , R53.5 , R74.7 , T01G1.2 , T02C12.1 , T03E6.7 , T03F6.3 , T04A8.16 , T04C12.4 , T04G9.5 , T04H1.2 , T05E11.1 , T05E11.3 , T05H10.3 , T07H3.1 , T08B2.10 , T08D10.1 , T09A5.1 , T10B11.6 , T10C6.11 , T11B7.4 , T11F9.11 , T12D8.1 , T12D8.6 , T13H5.6 , T14D7.1 , T14G12.3 , T20G5.2 , T20G5.6 , T21C12.2 , T21C9.2 , T21H3.1 , T22B11.5 , T23B12.6 , T23G5.1 , T23G7.4 , T25E12.4 , T25G12.5 , T26A5.5 , T26A5.7 , T26C12.1 , T27E9.7 , T28D9.1 , W01A11.3 , W02A2.1 , W02B12.9 , W02B3.4 , W02C12.3 , W02D3.7 , W02D3.9 , W03F9.10 , W04C9.1 , W05H9.1 , W06D4.1 , W06H8.8 , W08E12.5 , W08E3.3 , W08G11.4 , W09C5.6 , W09D6.6 , W09H1.5 , Y102A11A.2 , Y102A11A.6 , Y105E8B.1 , Y106G6E.5 , Y110A7A.9 , Y113G7B.16 , Y17G7B.5 , Y22D7AR.10 , Y24D9A.4 , Y24F12A.2 , Y25C1A.13 , Y32F6A.3 , Y32H12A.3 , Y34D9B.1 , Y37D8A.23 , Y37E11B.5 , Y38F1A.6 , Y39A1A.15 , Y39B6A.20 , Y39B6A.35 , Y42G9A.3 , Y43F8C.12 , Y44A6B.2 , Y45G12C.2 , Y48B6A.6 , Y48E1B.2 , Y48G10A.1 , Y48G8AR.1 , Y4C6B.5 , Y50D7A.6 , Y50D7A.7 , Y50D7A.8 , Y53C12B.1 , Y54E10BL.4 , Y54G2A.11 , Y54G2A.17 , Y55D9A.2 , Y55F3AL.1 , Y62E10A.13 , Y65B4BL.5 , Y67A6A.2 , Y69A2AR.4 , Y71F9AL.9 , Y71G12B.15 , Y71H2B.10 , Y73B6BL.30 , Y73C8B.4 , Y73F8A.34 , Y75B8A.9 , Y76B12C.2 , Y82E9BR.14 , Y87G2A.3 , Y87G2A.8 , Y95B8A.1 , ZC116.3 , ZC13.1 , ZC308.1 , ZC373.1 , ZC373.5 , ZC416.6 , ZC434.2 , ZC506.1 , ZC506.3 , ZK112.2 , ZK1127.10 , ZK1193.5 , ZK1290.13 , ZK177.8 , ZK337.1 , ZK370.3 , ZK370.4 , ZK381.5 , ZK430.2 , ZK512.2 , ZK632.6 , ZK637.11 , ZK792.3 , ZK909.2 , ZK970.2 , ZK973.6
1353		77	intestinal (adult); 1.37x p:5.3e-04 FDR:13.5%	AH6.10 , B0041.4 , B0041.5 , B0546.1 , C05D11.11 , C06E8.3 , C06G1.5 , C10E2.6 , C14A4.1 , C16C10.6 , C17H12.14 , C25A1.11 , C33A12.3 , C33H5.18 , C34B2.5 , C34D4.11 , C35B1.1 , C39F7.4 , C47A10.1 , C50F7.4 , C53B4.7 , CD4.2 , D1054.15 , D2007.2 , D2030.2 , F01G10.1 , F01G4.6 , F02E9.2 , F07D10.1 , F10D2.9 , F22D6.2 , F25B5.6 , F26H9.5 , F29F11.6 , F32B6.2 , F35E8.11 , F37H8.5 , F40F9.6 , F41C3.5 , F41H10.8 , F42A8.2 , F53A9.8 , F53C11.3 , F53E10.1 , H37A05.1 , K02D7.1 , K04D7.3 , K08D12.3 , K11D9.2 , K12F2.1 , M88.5 , R02F2.1 , R05F9.10 , R10H10.5 , R11H6.1 , R13A5.1 , R166.2 , T03E6.7 , T04H1.2 , T07H3.1 , T10B11.6 , T11F9.11 , T21C9.2 , T22B11.5 , T25G12.5 , T27E9.7 , W02C12.3 , W05H9.1 , W06H8.8 , Y110A7A.9 , Y24D9A.4 , Y48G10A.1 , Y73F8A.34 , Y76B12C.2 , Y87G2A.3 , ZC373.1 , ZC416.6
1678		64	transcription factor activity; 3.80x p:1.2e-04 FDR:6.0% electron transport; 4.21x p:2.9e-04 FDR:9.4% transcription regulator activity; 3.26x p:4.9e-04 FDR:13.1% regulation of transcription, DNA-dependent; 3.01x p:5.2e-04 FDR:13.3% transcription, DNA-dependent; 3.01x p:5.2e-04 FDR:13.3%	B0228.5 , B0273.4 , B0414.2 , C04F1.3 , C05D11.6 , C06G8.1 , C10H11.1 , C10H11.9 , C15C8.7 , C27A12.5 , C29E4.8 , C33D3.1 , C45G9.13 , D1007.1 , F08A8.2 , F08F8.7 , F09C3.2 , F14H3.11 , F19C6.1 , F20D12.2 , F20G4.1 , F20H11.5 , F22F7.1 , F26A1.14 , F26A1.8 , F31A9.3 , F38E9.1 , F41E7.3 , F45E4.9 , F46A9.6 , F46F3.1 , F48E8.1 , F54C9.4 , F54D8.2 , F56H11.4 , H06H21.10 , K01C8.10 , K02F2.6 , K06A5.6 , K08C7.2 , R07B1.1 , R07H5.2 , R11G11.1 , R12C12.1 , R151.5 , R53.5 , T01G1.2 , T04G9.5 , T08D10.1 , W06D4.1 , W08E12.5 , Y106G6E.5 , Y25C1A.13 , Y32H12A.3 , Y37D8A.23 , Y39B6A.20 , Y50D7A.7 , Y54E10BL.4 , ZK112.2 , ZK370.3 , ZK370.4 , ZK792.3 , ZK970.2 , ZK973.6
1271		11	topomap mount 0; 8.28x p:5.2e-04 FDR:13.4%	B0350.2 , C09B7.1 , C16C10.4 , C39F7.2 , C50B6.7 , F10C1.2 , F22D6.3 , F35H8.5 , T04A8.16 , Y69A2AR.4 , ZC373.5
1681		14	electron transport; 9.63x p:5.0e-04 FDR:13.3%	B0228.5 , C04F1.3 , C10H11.1 , F08A8.2 , F14H3.11 , F31A9.3 , F41E7.3 , F46F3.1 , F48E8.1 , F54C9.4 , K08C7.2 , R151.5 , R53.5 , Y50D7A.7
1326		124	pharynx (adult); 1.48x p:4.9e-04 FDR:13.2%	B0024.14 , B0035.5 , B0252.2 , B0286.4 , B0336.10 , B0393.1 , B0511.10 , B0545.1 , C02E11.1 , C03A3.2 , C03C10.1 , C03G5.1 , C03H5.2 , C04C3.3 , C04G2.6 , C05B10.1 , C06C6.4 , C07H6.7 , C08A9.1 , C08B6.8 , C09B8.1 , C09D4.5 , C11H1.3 , C17G10.9 , C17H11.6 , C24A11.8 , C25D7.7 , C27D8.4 , C27H6.1 , C30C11.4 , C30H6.2 , C32F10.8 , C33A12.1 , C34E10.6 , C34G6.4 , C37E2.1 , C37H5.6 , C41D11.2 , C44B12.2 , C46H11.11 , C50D2.2 , D2024.6 , D2030.5 , DH11.1 , E04A4.8 , F07B7.13 , F08B12.3 , F08C6.7 , F09G2.8 , F12F3.1 , F13B12.1 , F26H9.3 , F28F5.3 , F29G6.2 , F30A10.8 , F33C8.3 , F36H1.2 , F41B5.10 , F42A9.1 , F42G8.12 , F43G9.5 , F46F6.2 , F46G10.7 , F47G9.1 , F48E3.3 , F53E2.1 , F54C4.1 , F54G8.4 , F56C9.1 , F56D12.5 , F58G4.1 , H28O16.1 , K07H8.6 , K09A9.6 , M142.1 , M6.1 , R04A9.4 , R05F9.1 , R07G3.8 , R08B4.2 , R11G11.2 , R144.7 , R53.4 , T01C8.5 , T04A6.1 , T05A1.3 , T05B11.3 , T07C4.9 , T07F10.1 , T08G11.1 , T09B4.8 , T09F3.2 , T19D7.4 , T21B10.7 , T22B2.4 , T22C1.6 , T24D11.1 , T25G12.4 , T27A1.4 , T27E9.4 , W02B12.10 , W04D2.1 , W05E10.4 , W08D2.7 , W08E12.3 , W09G3.2 , Y104H12A.1 , Y111B2A.11 , Y119C1B.8 , Y37A1B.5 , Y37E11C.1 , Y47G6A.7 , Y48C3A.10 , Y51H4A.17 , Y55F3AM.3 , Y62F5A.1 , Y69A2AR.18 , Y71F9B.3 , Y75B7AR.1 , Y82E9BR.3 , ZC247.3 , ZC482.5 , ZK370.2 , ZK792.4
1312		17	Stp; 6.72x p:4.8e-04 FDR:13.0%	C25A1.5 , C37C3.6 , C44H4.4 , C47B2.5 , F21F8.3 , F22A3.1 , F37A4.6 , F55A4.8 , F56B6.4 , M04B2.1 , R144.10 , T08B2.10 , T14G12.3 , T21H3.1 , W02B12.9 , Y55F3AL.1 , ZC308.1
1124		33	mitotic cell cycle; 13.27x p:4.6e-04 FDR:12.9%	B0285.7 , C03B8.4 , C04B4.2 , C14A4.11 , C27A2.6 , C42D8.8 , F01G4.1 , F09F7.2 , F14F3.2 , F32D1.10 , F33H2.1 , F33H2.3 , F39H12.4 , F46E10.9 , F48E3.1 , F53C11.5 , K04A8.6 , K11D2.2 , M01D7.6 , M02D8.4 , T12D8.6 , T23G5.1 , T26A5.7 , T28D9.1 , W02D3.7 , W02D3.9 , W09H1.5 , Y39A1A.15 , Y55D9A.2 , ZK1193.5 , ZK381.5 , ZK632.6 , ZK637.11
1253		12	coenzymes and prosthetic group metabolism; 14.60x p:8.7e-05 FDR:5.1% cofactor metabolism; 14.60x p:8.7e-05 FDR:5.1% coenzyme metabolism; 14.60x p:8.7e-05 FDR:5.1% energy pathways; 7.60x p:2.4e-04 FDR:8.7% monovalent inorganic cation transporter activity; 18.25x p:4.0e-04 FDR:11.9% hydrogen ion transporter activity; 18.25x p:4.0e-04 FDR:11.9%	C03G5.1 , C07H6.7 , C34E10.6 , C37E2.1 , C46H11.11 , F42G8.12 , F58G4.1 , M142.1 , R04A9.4 , T22C1.6 , W08D2.7 , Y69A2AR.18
1345		126	pharynx (adult); 1.46x p:4.0e-04 FDR:11.9%	B0024.14 , B0035.5 , B0252.2 , B0286.4 , B0336.10 , B0393.1 , B0511.10 , B0545.1 , C02E11.1 , C03A3.2 , C03C10.1 , C03G5.1 , C03H5.2 , C04C3.3 , C04G2.6 , C05B10.1 , C06C6.4 , C07H6.7 , C08A9.1 , C08B6.8 , C09B8.1 , C09D4.5 , C11H1.3 , C17G10.9 , C17H11.6 , C24A11.8 , C25D7.7 , C27D8.4 , C27H6.1 , C30C11.4 , C30H6.2 , C32F10.8 , C33A12.1 , C34E10.6 , C34G6.4 , C37E2.1 , C37H5.6 , C41D11.2 , C44B12.2 , C46H11.11 , C50D2.2 , D2024.6 , D2030.5 , DH11.1 , E04A4.8 , F07B7.13 , F08B12.3 , F08C6.7 , F09G2.8 , F12F3.1 , F13B12.1 , F26H9.3 , F28F5.3 , F29G6.2 , F30A10.8 , F33C8.3 , F36H1.2 , F41B5.10 , F42A9.1 , F42G8.12 , F43G9.5 , F46F6.2 , F46G10.7 , F47G9.1 , F48E3.3 , F53E2.1 , F54C4.1 , F54G8.4 , F56C9.1 , F56D12.5 , F58G4.1 , H28O16.1 , K07H8.6 , K09A9.6 , M142.1 , M18.1 , M6.1 , R04A9.4 , R05F9.1 , R07G3.8 , R08B4.2 , R11G11.2 , R144.7 , R53.4 , T01C8.5 , T04A6.1 , T05A1.3 , T05B11.3 , T07C4.9 , T07F10.1 , T08G11.1 , T09B4.8 , T09F3.2 , T19D7.4 , T21B10.7 , T22B2.4 , T22C1.6 , T24D11.1 , T25G12.4 , T27A1.4 , T27E9.4 , W02B12.10 , W04D2.1 , W05E10.4 , W08D2.7 , W08E12.3 , W09G3.2 , Y104H12A.1 , Y111B2A.11 , Y119C1B.8 , Y37A1B.5 , Y37E11C.1 , Y39A1B.2 , Y47G6A.7 , Y48C3A.10 , Y51H4A.17 , Y55F3AM.3 , Y62F5A.1 , Y69A2AR.18 , Y71F9B.3 , Y75B7AR.1 , Y82E9BR.3 , ZC247.3 , ZC482.5 , ZK370.2 , ZK792.4
1466		9	coenzymes and prosthetic group metabolism; 19.47x p:2.3e-05 FDR:2.7% cofactor metabolism; 19.47x p:2.3e-05 FDR:2.7% coenzyme metabolism; 19.47x p:2.3e-05 FDR:2.7% energy pathways; 10.14x p:4.3e-05 FDR:3.6% monovalent inorganic cation transporter activity; 24.33x p:1.6e-04 FDR:6.5% hydrogen ion transporter activity; 24.33x p:1.6e-04 FDR:6.5% primary active transporter activity; 18.25x p:3.9e-04 FDR:11.7%	C03G5.1 , C07H6.7 , C34E10.6 , C37E2.1 , F42G8.12 , F58G4.1 , M142.1 , R04A9.4 , Y69A2AR.18
1659		7	Stp; 14.78x p:3.9e-04 FDR:11.7%	C37C3.6 , F22A3.1 , F56B6.4 , M04B2.1 , T21H3.1 , W02B12.9 , ZC308.1
1166		209	ventral nerve cord (adult); 1.57x p:3.8e-04 FDR:11.5%	B0024.14 , B0035.5 , B0244.2 , B0252.2 , B0286.4 , B0336.10 , B0393.1 , B0511.10 , B0545.1 , C01B7.6 , C02E11.1 , C03A3.2 , C03C10.1 , C03G5.1 , C03H5.2 , C04C3.3 , C04G2.6 , C05B10.1 , C05D11.12 , C06A8.3 , C06C6.4 , C06H2.4 , C07H6.7 , C08A9.1 , C08B6.8 , C09B8.1 , C09D4.5 , C10G8.7 , C11E4.1 , C11H1.3 , C12D8.1 , C17G10.9 , C17H11.6 , C18A3.5 , C18D11.4 , C18H9.7 , C24A11.8 , C25A11.4 , C25D7.7 , C26D10.2 , C27D8.4 , C27H6.1 , C30C11.4 , C30H6.2 , C32F10.8 , C33A12.1 , C34E10.6 , C34G6.4 , C37E2.1 , C37H5.6 , C41D11.2 , C44B12.2 , C46H11.11 , C50D2.2 , C51E3.7 , C54H2.5 , C56G2.3 , D2024.6 , D2030.5 , DH11.1 , E04A4.8 , F02D8.3 , F02E8.5 , F07B7.13 , F08B12.3 , F08C6.7 , F08F3.3 , F09E5.3 , F09G2.8 , F11D5.3 , F12F3.1 , F13B12.1 , F17C8.5 , F19H6.1 , F20D12.3 , F25B3.3 , F25B3.6 , F25F2.2 , F25G6.4 , F26H9.2 , F26H9.3 , F28B4.2 , F28F5.3 , F28F9.1 , F28H7.9 , F29G6.2 , F30A10.8 , F31C3.3 , F32F2.1 , F33C8.3 , F35H12.2 , F36H1.2 , F39C12.2 , F41B5.10 , F42A9.1 , F42G10.2 , F42G8.12 , F42G9.9 , F43G9.5 , F45E10.1 , F46C5.3 , F46F6.2 , F46G10.7 , F47B10.2 , F47G9.1 , F48E3.3 , F52B5.1 , F53E2.1 , F54C4.1 , F54G8.4 , F55A12.3 , F56C9.1 , F56D12.5 , F56H11.1 , F58A3.1 , F58G4.1 , H28O16.1 , JC8.10 , K02A4.2 , K04F10.2 , K07A9.2 , K07H8.6 , K09A9.6 , K10B3.8 , K11E8.1 , K11G9.6 , M02B7.5 , M142.1 , M18.1 , M6.1 , R04A9.4 , R05F9.1 , R05G6.7 , R07G3.8 , R08B4.2 , R09E12.3 , R10E11.1 , R11G11.2 , R144.7 , R53.4 , T01B10.2 , T01C8.5 , T01C8.7 , T04A6.1 , T04A8.11 , T04B2.3 , T04D1.3 , T05A1.3 , T05B11.3 , T05C12.10 , T07C4.9 , T07F10.1 , T08G11.1 , T09B4.8 , T09F3.2 , T10A3.1 , T10H9.4 , T18D3.4 , T18D3.4 , T18D3.4 , T18D3.4 , T19D7.4 , T21B10.7 , T22B2.4 , T22C1.6 , T22D1.3 , T23H2.2 , T24D11.1 , T25G12.4 , T27A1.4 , T27B1.1 , T27E9.4 , W01A11.1 , W02B12.10 , W04D2.1 , W05E10.4 , W05E7.3 , W05H12.1 , W08D2.7 , W08E12.3 , W09G3.2 , Y104H12A.1 , Y111B2A.11 , Y119C1B.8 , Y32H12A.5 , Y32H12A.8 , Y37A1B.5 , Y37E11C.1 , Y39A1B.2 , Y47G6A.7 , Y48C3A.10 , Y49A3A.2 , Y51H4A.17 , Y54E5A.1 , Y55F3AM.3 , Y59C2A.2 , Y62F5A.1 , Y69A2AR.18 , Y71F9B.3 , Y73F4A.2 , Y75B7AR.1 , Y82E9BR.3 , ZC101.2 , ZC247.3 , ZC482.5 , ZK370.2 , ZK652.5 , ZK792.4
1187		5	carbohydrate metabolism; 17.52x p:3.5e-04 FDR:10.8%	C36A4.9 , F09F7.4 , F59B8.2 , K07A3.1 , R11A5.4
1351		40	Jiang M. *et al.* group 2; 3.46x p:3.2e-04 FDR:10.0%	B0285.7 , C03B8.4 , C04B4.2 , C14A4.11 , C18G1.2 , C27A2.6 , C37A2.4 , C42D8.8 , F01G4.1 , F09F7.2 , F14F3.2 , F28D1.2 , F32D1.10 , F33H2.1 , F33H2.3 , F39H12.4 , F46E10.9 , F48E3.1 , F53C11.5 , F59F4.1 , K04A8.6 , K07B1.4 , K11D2.2 , M01D7.6 , M02D8.4 , M28.7 , T12D8.6 , T23G5.1 , T26A5.7 , T28D9.1 , W02D3.7 , W02D3.9 , W09H1.5 , Y39A1A.15 , Y39B6A.35 , Y55D9A.2 , ZK1193.5 , ZK381.5 , ZK632.6 , ZK637.11
1426		3	excretory cell (larva); 8.33x p:3.1e-04 FDR:9.9%	B0336.10 , F56D12.5 , W02B12.10
1435		10	vulval muscle (adult); 2.58x p:3.0e-04 FDR:9.8%	C03H5.2 , C09B8.1 , C50D2.2 , F56C9.1 , T07F10.1 , T24D11.1 , Y111B2A.11 , Y119C1B.8 , Y71F9B.3 , ZK370.2
1417		5	developing spermatheca (larva); 25.00x p:4.0e-05 FDR:3.4% spermatheca (adult); 8.47x p:8.9e-05 FDR:5.1% developing vulva (larva); 6.25x p:3.0e-04 FDR:9.8%	C30H7.2 , F14F4.3 , R05H10.2 , T21B10.2 , T21D12.3
1258		4	dorsal nerve cord (larva); 20.83x p:7.1e-05 FDR:4.8% dorsal nerve cord (adult); 17.24x p:1.3e-04 FDR:6.2% Lvl; 27.50x p:2.9e-04 FDR:9.7%	C15H9.1 , C30F8.2 , F38H4.9 , R13.1

1311		39	vulval muscle (adult); 2.79x p:2.9e-04 FDR:9.4%	B0024.14 , C02E11.1 , C03A3.2 , C03H5.2 , C04C3.3 , C06C6.4 , C09B8.1 , C25D7.7 , C27D8.4 , C30C11.4 , C37H5.6 , C50D2.2 , D2024.6 , DH11.1 , F12F3.1 , F26H9.3 , F30A10.8 , F41B5.10 , F42A9.1 , F43G9.5 , F54G8.4 , F56C9.1 , K09A9.6 , R05F9.1 , R07G3.8 , T04A6.1 , T07F10.1 , T19D7.4 , T24D11.1 , T27A1.4 , T27E9.4 , W08E12.3 , Y104H12A.1 , Y111B2A.11 , Y119C1B.8 , Y37E11C.1 , Y71F9B.3 , Y82E9BR.3 , ZK370.2
1181		8	death; 20.53x p:2.7e-04 FDR:9.3%	C28H8.11 , F20B6.2 , F35G2.4 , R03D7.4 , W08F4.3 , Y54G2A.18 , Y71F9AL.17 , ZK1058.2
1488		8	coenzymes and prosthetic group metabolism; 21.90x p:1.3e-05 FDR:1.8% cofactor metabolism; 21.90x p:1.3e-05 FDR:1.8% coenzyme metabolism; 21.90x p:1.3e-05 FDR:1.8% energy pathways; 11.41x p:2.0e-05 FDR:2.6% monovalent inorganic cation transporter activity; 27.38x p:1.1e-04 FDR:5.5% hydrogen ion transporter activity; 27.38x p:1.1e-04 FDR:5.5% primary active transporter activity; 20.53x p:2.7e-04 FDR:9.3%	C03G5.1 , C07H6.7 , C34E10.6 , C37E2.1 , F42G8.12 , M142.1 , R04A9.4 , Y69A2AR.18
1629		13	hydrolase activity, acting on ester bonds; 10.78x p:2.6e-04 FDR:9.3%	B0457.1 , C01B12.3 , C13C4.4 , C46C11.1 , C47D12.8 , F14E5.4 , K04H4.1 , K07C11.4 , R12E2.10 , T14D7.1 , W08E3.3 , Y54G2A.17 , ZK337.1
1367		80	development; 1.49x p:2.0e-04 FDR:7.4% positive regulation of growth rate; 1.99x p:2.6e-04 FDR:9.3% regulation of growth rate; 1.99x p:2.6e-04 FDR:9.3%	B0304.1 , B0336.2 , B0416.5 , B0547.1 , C02F4.2 , C04F6.4 , C05D11.10 , C05D11.5 , C06A5.7 , C06A8.1 , C06B8.8 , C06E7.1 , C13B9.4 , C13G3.3 , C28H8.11 , C33D12.2 , C37F5.1 , C45B11.1 , C50D2.7 , C55B6.2 , F11F1.1 , F20B6.2 , F23B12.5 , F23F12.6 , F27D9.5 , F28D1.7 , F31B12.1 , F32D8.6 , F35D11.3 , F35G2.4 , F38A5.13 , F40F11.2 , F45E6.2 , F46C5.8 , F46H5.4 , F47B3.8 , F47D12.4 , F52E4.1 , F54E2.3 , F55A12.9 , F59F4.2 , H39E23.1 , K02A4.1 , K08F8.6 , R03D7.4 , R05F9.6 , R06B10.5 , R07E5.7 , R07H5.8 , T02G5.9 , T05D4.1 , T05H4.1 , T09B4.9 , T10B11.2 , T10H9.5 , T14F9.1 , T14F9.3 , T17E9.1 , T17H7.4 , T19A6.2 , T19E7.3 , T24B8.1 , W08F4.3 , Y108G3AL.1 , Y119C1B.5 , Y25C1A.5 , Y42G9A.4 , Y48G8AL.8 , Y48G9A.4 , Y51H7C.11 , Y54E2A.11 , Y54E5A.7 , Y54G2A.18 , Y71F9AL.17 , ZC404.9 , ZK1058.2 , ZK470.5 , ZK652.1 , ZK688.2 , ZK829.4
1442		5	locomotion; 18.77x p:2.5e-04 FDR:9.1%	C05D11.5 , C06E7.1 , H39E23.1 , T14F9.1 , T19E7.3
1174		14	Stp; 8.21x p:2.1e-04 FDR:7.9%	C37C3.6 , C44H4.4 , C47B2.5 , F21F8.3 , F22A3.1 , F37A4.6 , F56B6.4 , M04B2.1 , R144.10 , T08B2.10 , T14G12.3 , T21H3.1 , W02B12.9 , ZC308.1
1289		25	Stp; 6.16x p:1.9e-04 FDR:7.3%	C04A2.3 , C09E10.2 , C11D2.4 , C25A1.5 , C37C3.6 , C44H4.4 , C47B2.5 , F21F8.3 , F22A3.1 , F37A4.6 , F52B10.1 , F55A4.8 , F56B6.4 , H20J18.1 , K03A1.5 , M04B2.1 , R144.10 , T08B2.10 , T14G12.3 , T21H3.1 , W02B12.9 , W04C9.1 , Y4C6B.5 , Y55F3AL.1 , ZC308.1
1609		4	Clr; 22.43x p:1.3e-04 FDR:6.2% osmoregulation; 21.90x p:1.4e-04 FDR:6.4% homeostasis; 21.19x p:1.6e-04 FDR:6.6%	C33H5.18 , F07D10.1 , F10D2.9 , F42A8.2
1330		13	Stp; 8.21x p:1.5e-04 FDR:6.5%	C37C3.6 , C44H4.4 , F21F8.3 , F22A3.1 , F37A4.6 , F56B6.4 , M04B2.1 , R144.10 , T08B2.10 , T14G12.3 , T21H3.1 , W02B12.9 , ZC308.1
1325		11	hydrolase activity, acting on ester bonds; 12.74x p:1.3e-04 FDR:6.2%	B0457.1 , C01B12.3 , C13C4.4 , C46C11.1 , C47D12.8 , F14E5.4 , K04H4.1 , K07C11.4 , R12E2.10 , T14D7.1 , ZK337.1
1280		411	intestinal (adult); 1.11x p:1.2e-04 FDR:6.0%	AC7.2 , AH6.10 , B0041.4 , B0041.5 , B0228.7 , B0272.3 , B0285.7 , B0303.3 , B0334.4 , B0336.3 , B0336.4 , B0350.2 , B0361.6 , B0412.1 , B0412.4 , B0414.5 , B0457.1 , B0464.5 , B0511.6 , B0546.1 , C01B12.3 , C01B7.4 , C01F1.6 , C01F6.6 , C02A12.1 , C03B8.4 , C04A2.3 , C04B4.2 , C04E6.10 , C04F12.5 , C04G2.7 , C05B5.7 , C05C12.3 , C05D10.3 , C05D11.11 , C05D11.2 , C05G5.1 , C06E8.3 , C06G1.5 , C06G4.4 , C07A12.4 , C08B11.3 , C09B7.1 , C09E10.2 , C09F5.2 , C09G4.1 , C09H6.2 , C10C6.5 , C10E2.6 , C10G8.8 , C11D2.4 , C13B9.3 , C13C4.4 , C13C4.5 , C14A4.1 , C14A4.11 , C15C7.1 , C16A3.10 , C16C10.4 , C16C10.6 , C17E4.5 , C17G1.5 , C17H12.14 , C18G1.2 , C25A1.11 , C25A1.5 , C26D10.1 , C27A12.8 , C27A2.6 , C27A7.4 , C29H12.2 , C30C11.2 , C31C9.2 , C32D5.2 , C32E8.9 , C33A12.3 , C33H5.18 , C34B2.5 , C34B4.1 , C34D4.11 , C34F11.3 , C35B1.1 , C36A4.9 , C36E8.3 , C36E8.5 , C37A2.4 , C37C3.6 , C37E2.5 , C38H2.2 , C39F7.2 , C39F7.4 , C42D8.8 , C44E4.4 , C44H4.4 , C46C11.1 , C47A10.1 , C47B2.5 , C47B2.8 , C47D12.8 , C48A7.1 , C49H3.10 , C50B6.7 , C50F2.8 , C50F7.4 , C53A3.2 , C53B4.7 , C54D2.4 , C54D2.5 , C54G4.1 , C55B7.9 , CD4.2 , D1007.12 , D1037.3 , D1053.1 , D1054.10 , D1054.15 , D2007.2 , D2030.2 , DY3.6 , F01D5.9 , F01G10.1 , F01G4.1 , F01G4.6 , F02D8.2 , F02E9.2 , F07B10.1 , F07D10.1 , F08C6.3 , F09B9.2 , F09F7.1 , F09F7.2 , F09F7.4 , F10B5.1 , F10C1.2 , F10D2.9 , F10E7.4 , F10E9.6 , F10G7.8 , F11A10.5 , F12F6.5 , F14E5.4 , F14F3.2 , F15B10.1 , F15D3.1 , F16A11.1 , F17C11.8 , F18F11.1 , F20D6.5 , F21F8.3 , F22A3.1 , F22B3.1 , F22D6.2 , F22D6.3 , F22E10.1 , F25B4.2 , F25B5.6 , F25H2.5 , F25H2.8 , F25H8.3 , F26F12.7 , F26H9.5 , F27C8.1 , F27D4.1 , F28D1.2 , F28F5.6 , F28F8.6 , F29F11.6 , F29G9.5 , F32B6.2 , F32D1.10 , F32E10.4 , F33A8.5 , F33H2.1 , F33H2.3 , F35E8.11 , F35G12.6 , F35G12.8 , F35H8.5 , F35H8.6 , F36H2.3 , F37A4.6 , F37H8.5 , F38A1.8 , F38A5.2 , F38A6.1 , F38E9.2 , F39H12.4 , F40F9.6 , F40G9.2 , F41C3.5 , F41H10.8 , F42A10.6 , F42A8.2 , F42E11.1 , F44E7.2 , F45H10.1 , F46B6.7 , F46E10.9 , F47A4.2 , F47H4.1 , F48E3.1 , F49H12.6 , F52B10.1 , F53A3.3 , F53A9.8 , F53C11.3 , F53C11.5 , F53E10.1 , F53E4.1 , F54A5.3 , F54D7.2 , F54D7.4 , F54D8.3 , F55A4.1 , F55A4.8 , F55B12.1 , F55C5.8 , F55D10.3 , F56B6.4 , F56C9.10 , F58A3.2 , F58B3.5 , F58E10.3 , F59A3.1 , F59B8.2 , F59F4.1 , H20J18.1 , H28G03.6 , H37A05.1 , JC8.3 , K02D7.1 , K02F2.2 , K03A1.5 , K03A11.3 , K03H1.4 , K04A8.6 , K04D7.3 , K04H4.1 , K07A3.1 , K07B1.4 , K07C11.4 , K07C5.8 , K08D12.3 , K08E3.5 , K08E7.3 , K08E7.8 , K08F11.5 , K08F8.1 , K11D2.2 , K11D9.2 , K11E4.5 , K12F2.1 , M01D7.6 , M01F1.3 , M02D8.4 , M03A1.6 , M03F4.3 , M03F4.7 , M03F8.3 , M04B2.1 , M106.3 , M110.4 , M163.3 , M176.2 , M28.7 , M79.1 , M88.5 , R02F2.1 , R03E9.3 , R05D3.2 , R05F9.10 , R07B7.10 , R07E5.4 , R08D7.6 , R08E3.4 , R08H2.1 , R09A8.3 , R10H10.5 , R11A5.1 , R11A5.4 , R11H6.1 , R12B2.5 , R12E2.10 , R12E2.3 , R13A5.1 , R13A5.6 , R13F6.3 , R144.10 , R151.2 , R166.2 , R74.7 , T02C12.1 , T03E6.7 , T03F6.3 , T04A8.16 , T04C12.4 , T04H1.2 , T05E11.1 , T05E11.3 , T05H10.3 , T07H3.1 , T08B2.10 , T09A5.1 , T10B11.6 , T10C6.11 , T11B7.4 , T11F9.11 , T12D8.1 , T12D8.6 , T13H5.6 , T14D7.1 , T14G12.3 , T20G5.2 , T20G5.6 , T21C12.2 , T21C9.2 , T21H3.1 , T22B11.5 , T23B12.6 , T23G5.1 , T23G7.4 , T25E12.4 , T25G12.5 , T26A5.5 , T26A5.7 , T26C12.1 , T27E9.7 , T28D9.1 , W01A11.3 , W02A2.1 , W02B12.9 , W02B3.4 , W02C12.3 , W02D3.7 , W02D3.9 , W03F9.10 , W04C9.1 , W05H9.1 , W06H8.8 , W08E3.3 , W08G11.4 , W09C5.6 , W09D6.6 , W09H1.5 , Y102A11A.2 , Y102A11A.6 , Y105E8B.1 , Y110A7A.9 , Y113G7B.16 , Y17G7B.5 , Y22D7AR.10 , Y24D9A.4 , Y24F12A.2 , Y32F6A.3 , Y34D9B.1 , Y37E11B.5 , Y38F1A.6 , Y39A1A.15 , Y39B6A.35 , Y42G9A.3 , Y43F8C.12 , Y44A6B.2 , Y45G12C.2 , Y48B6A.6 , Y48E1B.2 , Y48G10A.1 , Y48G8AR.1 , Y4C6B.5 , Y50D7A.6 , Y50D7A.8 , Y53C12B.1 , Y54G2A.11 , Y54G2A.17 , Y55D9A.2 , Y55F3AL.1 , Y62E10A.13 , Y65B4BL.5 , Y67A6A.2 , Y69A2AR.4 , Y71F9AL.9 , Y71G12B.15 , Y71H2B.10 , Y73B6BL.30 , Y73C8B.4 , Y73F8A.34 , Y75B8A.9 , Y76B12C.2 , Y82E9BR.14 , Y87G2A.3 , Y87G2A.8 , Y95B8A.1 , ZC116.3 , ZC13.1 , ZC308.1 , ZC373.1 , ZC373.5 , ZC416.6 , ZC434.2 , ZC506.1 , ZC506.3 , ZK1127.10 , ZK1193.5 , ZK1290.13 , ZK177.8 , ZK337.1 , ZK381.5 , ZK430.2 , ZK512.2 , ZK632.6 , ZK637.11 , ZK909.2
1604		412	intestinal (adult); 1.12x p:8.3e-05 FDR:5.1%	AC7.2 , AH6.10 , B0041.4 , B0041.5 , B0228.7 , B0272.3 , B0285.7 , B0303.3 , B0334.4 , B0336.3 , B0336.4 , B0350.2 , B0361.6 , B0412.1 , B0412.4 , B0414.5 , B0457.1 , B0464.5 , B0511.6 , B0546.1 , C01B12.3 , C01B7.4 , C01F1.6 , C01F6.6 , C02A12.1 , C03B8.4 , C04A2.3 , C04B4.2 , C04E6.10 , C04F12.5 , C04G2.7 , C05B5.7 , C05C12.3 , C05D10.3 , C05D11.11 , C05D11.2 , C05G5.1 , C06E8.3 , C06G1.5 , C06G4.4 , C07A12.4 , C08B11.3 , C09B7.1 , C09E10.2 , C09F5.2 , C09G4.1 , C09H6.2 , C10C6.5 , C10E2.6 , C10G8.8 , C11D2.4 , C13B9.3 , C13C4.4 , C13C4.5 , C14A4.1 , C14A4.11 , C15C7.1 , C15H9.6 , C16A3.10 , C16C10.4 , C16C10.6 , C17E4.5 , C17G1.5 , C17H12.14 , C18G1.2 , C25A1.11 , C25A1.5 , C26D10.1 , C27A12.8 , C27A2.6 , C27A7.4 , C29H12.2 , C30C11.2 , C31C9.2 , C32D5.2 , C32E8.9 , C33A12.3 , C33H5.18 , C34B2.5 , C34B4.1 , C34D4.11 , C34F11.3 , C35B1.1 , C36A4.9 , C36E8.3 , C36E8.5 , C37A2.4 , C37C3.6 , C37E2.5 , C38H2.2 , C39F7.2 , C39F7.4 , C42D8.8 , C44E4.4 , C44H4.4 , C46C11.1 , C47A10.1 , C47B2.5 , C47B2.8 , C47D12.8 , C48A7.1 , C49H3.10 , C50B6.7 , C50F2.8 , C50F7.4 , C53A3.2 , C53B4.7 , C54D2.4 , C54D2.5 , C54G4.1 , C55B7.9 , CD4.2 , D1007.12 , D1037.3 , D1053.1 , D1054.10 , D1054.15 , D2007.2 , D2030.2 , DY3.6 , F01D5.9 , F01G10.1 , F01G4.1 , F01G4.6 , F02D8.2 , F02E9.2 , F07B10.1 , F07D10.1 , F08C6.3 , F09B9.2 , F09F7.1 , F09F7.2 , F09F7.4 , F10B5.1 , F10C1.2 , F10D2.9 , F10E7.4 , F10E9.6 , F10G7.8 , F11A10.5 , F12F6.5 , F14E5.4 , F14F3.2 , F15B10.1 , F15D3.1 , F16A11.1 , F17C11.8 , F18F11.1 , F20D6.5 , F21F8.3 , F22A3.1 , F22B3.1 , F22D6.2 , F22D6.3 , F22E10.1 , F25B4.2 , F25B5.6 , F25H2.5 , F25H2.8 , F25H8.3 , F26F12.7 , F26H9.5 , F27C8.1 , F27D4.1 , F28D1.2 , F28F5.6 , F28F8.6 , F29F11.6 , F29G9.5 , F32B6.2 , F32D1.10 , F32E10.4 , F33A8.5 , F33H2.1 , F33H2.3 , F35E8.11 , F35G12.6 , F35G12.8 , F35H8.5 , F35H8.6 , F36H2.3 , F37A4.6 , F37H8.5 , F38A1.8 , F38A5.2 , F38A6.1 , F38E9.2 , F39H12.4 , F40F9.6 , F40G9.2 , F41C3.5 , F41H10.8 , F42A10.6 , F42A8.2 , F42E11.1 , F44E7.2 , F45H10.1 , F46B6.7 , F46E10.9 , F47A4.2 , F47H4.1 , F48E3.1 , F49H12.6 , F52B10.1 , F53A3.3 , F53A9.8 , F53C11.3 , F53C11.5 , F53E10.1 , F53E4.1 , F54A5.3 , F54D7.2 , F54D7.4 , F54D8.3 , F55A4.1 , F55A4.8 , F55B12.1 , F55C5.8 , F55D10.3 , F56B6.4 , F56C9.10 , F58A3.2 , F58B3.5 , F58E10.3 , F59A3.1 , F59B8.2 , F59F4.1 , H20J18.1 , H28G03.6 , H37A05.1 , JC8.3 , K02D7.1 , K02F2.2 , K03A1.5 , K03A11.3 , K03H1.4 , K04A8.6 , K04D7.3 , K04H4.1 , K07A3.1 , K07B1.4 , K07C11.4 , K07C5.8 , K08D12.3 , K08E3.5 , K08E7.3 , K08E7.8 , K08F11.5 , K08F8.1 , K11D2.2 , K11D9.2 , K11E4.5 , K12F2.1 , M01D7.6 , M01F1.3 , M02D8.4 , M03A1.6 , M03F4.3 , M03F4.7 , M03F8.3 , M04B2.1 , M106.3 , M110.4 , M163.3 , M176.2 , M28.7 , M79.1 , M88.5 , R02F2.1 , R03E9.3 , R05D3.2 , R05F9.10 , R07B7.10 , R07E5.4 , R08D7.6 , R08E3.4 , R08H2.1 , R09A8.3 , R10H10.5 , R11A5.1 , R11A5.4 , R11H6.1 , R12B2.5 , R12E2.10 , R12E2.3 , R13A5.1 , R13A5.6 , R13F6.3 , R144.10 , R151.2 , R166.2 , R74.7 , T02C12.1 , T03E6.7 , T03F6.3 , T04A8.16 , T04C12.4 , T04H1.2 , T05E11.1 , T05E11.3 , T05H10.3 , T07H3.1 , T08B2.10 , T09A5.1 , T10B11.6 , T10C6.11 , T11B7.4 , T11F9.11 , T12D8.1 , T12D8.6 , T13H5.6 , T14D7.1 , T14G12.3 , T20G5.2 , T20G5.6 , T21C12.2 , T21C9.2 , T21H3.1 , T22B11.5 , T23B12.6 , T23G5.1 , T23G7.4 , T25E12.4 , T25G12.5 , T26A5.5 , T26A5.7 , T26C12.1 , T27E9.7 , T28D9.1 , W01A11.3 , W02A2.1 , W02B12.9 , W02B3.4 , W02C12.3 , W02D3.7 , W02D3.9 , W03F9.10 , W04C9.1 , W05H9.1 , W06H8.8 , W08E3.3 , W08G11.4 , W09C5.6 , W09D6.6 , W09H1.5 , Y102A11A.2 , Y102A11A.6 , Y105E8B.1 , Y110A7A.9 , Y113G7B.16 , Y17G7B.5 , Y22D7AR.10 , Y24D9A.4 , Y24F12A.2 , Y32F6A.3 , Y34D9B.1 , Y37E11B.5 , Y38F1A.6 , Y39A1A.15 , Y39B6A.35 , Y42G9A.3 , Y43F8C.12 , Y44A6B.2 , Y45G12C.2 , Y48B6A.6 , Y48E1B.2 , Y48G10A.1 , Y48G8AR.1 , Y4C6B.5 , Y50D7A.6 , Y50D7A.8 , Y53C12B.1 , Y54G2A.11 , Y54G2A.17 , Y55D9A.2 , Y55F3AL.1 , Y62E10A.13 , Y65B4BL.5 , Y67A6A.2 , Y69A2AR.4 , Y71F9AL.9 , Y71G12B.15 , Y71H2B.10 , Y73B6BL.30 , Y73C8B.4 , Y73F8A.34 , Y75B8A.9 , Y76B12C.2 , Y82E9BR.14 , Y87G2A.3 , Y87G2A.8 , Y95B8A.1 , ZC116.3 , ZC13.1 , ZC308.1 , ZC373.1 , ZC373.5 , ZC416.6 , ZC434.2 , ZC506.1 , ZC506.3 , ZK1127.10 , ZK1193.5 , ZK1290.13 , ZK177.8 , ZK337.1 , ZK381.5 , ZK430.2 , ZK512.2 , ZK632.6 , ZK637.11 , ZK909.2
1465		6	ubiquitin cycle; 29.20x p:7.9e-05 FDR:4.8%	C01B7.4 , C17E4.5 , F16A11.1 , F26F12.7 , F28F8.6 , Y71G12B.15
1492		3	topomap mount 11; 24.91x p:4.0e-05 FDR:3.3%	F12F6.5 , K08E3.5 , Y65B4BL.5
1357		24	vulval muscle (adult); 2.69x p:3.2e-05 FDR:3.4%	C02E11.1 , C03H5.2 , C06C6.4 , C09B8.1 , C25D7.7 , C27D8.4 , C37H5.6 , C50D2.2 , D2024.6 , F41B5.10 , F43G9.5 , F54G8.4 , F56C9.1 , K09A9.6 , R05F9.1 , T04A6.1 , T07F10.1 , T19D7.4 , T24D11.1 , Y111B2A.11 , Y119C1B.8 , Y71F9B.3 , Y82E9BR.3 , ZK370.2
1494		145	vulval muscle (adult); 1.80x p:3.2e-05 FDR:3.5%	B0041.7 , B0228.4 , B0304.1 , B0336.2 , B0416.5 , B0547.1 , C02C6.1 , C02F4.2 , C04F6.4 , C04G6.3 , C05D11.10 , C05D11.5 , C06A5.7 , C06A8.1 , C06B3.4 , C06B8.8 , C06E7.1 , C06G4.2 , C09G12.9 , C13B9.4 , C13G3.3 , C15H9.1 , C24G6.4 , C28H8.11 , C30F12.6 , C30F8.2 , C30H7.2 , C33D12.2 , C34F11.9 , C37F5.1 , C44C1.4 , C45B11.1 , C50D2.7 , C52E12.2 , C55B6.2 , C55H1.2 , D1007.7 , D2089.4 , E01H11.1 , F07A11.2 , F10E7.5 , F10G7.2 , F11F1.1 , F14F4.3 , F19B6.1 , F20B6.2 , F20D1.1 , F23B12.5 , F23F12.6 , F25B5.1 , F27D9.5 , F28D1.7 , F31B12.1 , F32A6.4 , F32D8.6 , F35A5.8 , F35D11.3 , F35G2.4 , F38A5.13 , F38B7.1 , F38H4.9 , F39G3.8 , F40F11.2 , F41E6.13 , F41G4.1 , F43G9.1 , F45E6.2 , F46C5.8 , F46H5.4 , F47B3.8 , F47D12.4 , F52D10.2 , F52E4.1 , F54C1.7 , F54E2.3 , F55A12.8 , F55A12.9 , F56D12.1 , F59F4.2 , H37N21.1 , H39E23.1 , K02A4.1 , K03E6.4 , K08F8.6 , K10B3.1 , K11D2.3 , R03D7.4 , R05F9.6 , R05H10.2 , R06B10.5 , R07B7.11 , R07E5.7 , R07H5.8 , R13.1 , T02G5.9 , T04C10.2 , T04F8.1 , T05A12.2 , T05A7.4 , T05D4.1 , T05H4.1 , T09B4.9 , T10B11.2 , T10C6.5 , T10H9.5 , T11A5.6 , T12G3.1 , T14F9.1 , T14F9.3 , T17E9.1 , T17H7.4 , T19A6.2 , T19E7.3 , T21B10.2 , T21D12.3 , T24B8.1 , T27B7.3 , T28F3.3 , W08F4.3 , Y108G3AL.1 , Y110A7A.20 , Y119C1B.5 , Y25C1A.5 , Y32H12A.1 , Y37E11AR.2 , Y42G9A.4 , Y43F4A.1 , Y48G8AL.8 , Y48G9A.4 , Y48G9A.8 , Y50E8A.16 , Y51H7C.11 , Y54E2A.11 , Y54E5A.7 , Y54G11A.7 , Y54G2A.18 , Y71F9AL.17 , Y73E7A.3 , Y75B12B.2 , ZC404.9 , ZK1058.2 , ZK470.5 , ZK652.1 , ZK688.2 , ZK829.4
1600		9	Stp; 12.31x p:2.9e-05 FDR:3.0%	C37C3.6 , F22A3.1 , F37A4.6 , F56B6.4 , M04B2.1 , T08B2.10 , T21H3.1 , W02B12.9 , ZC308.1