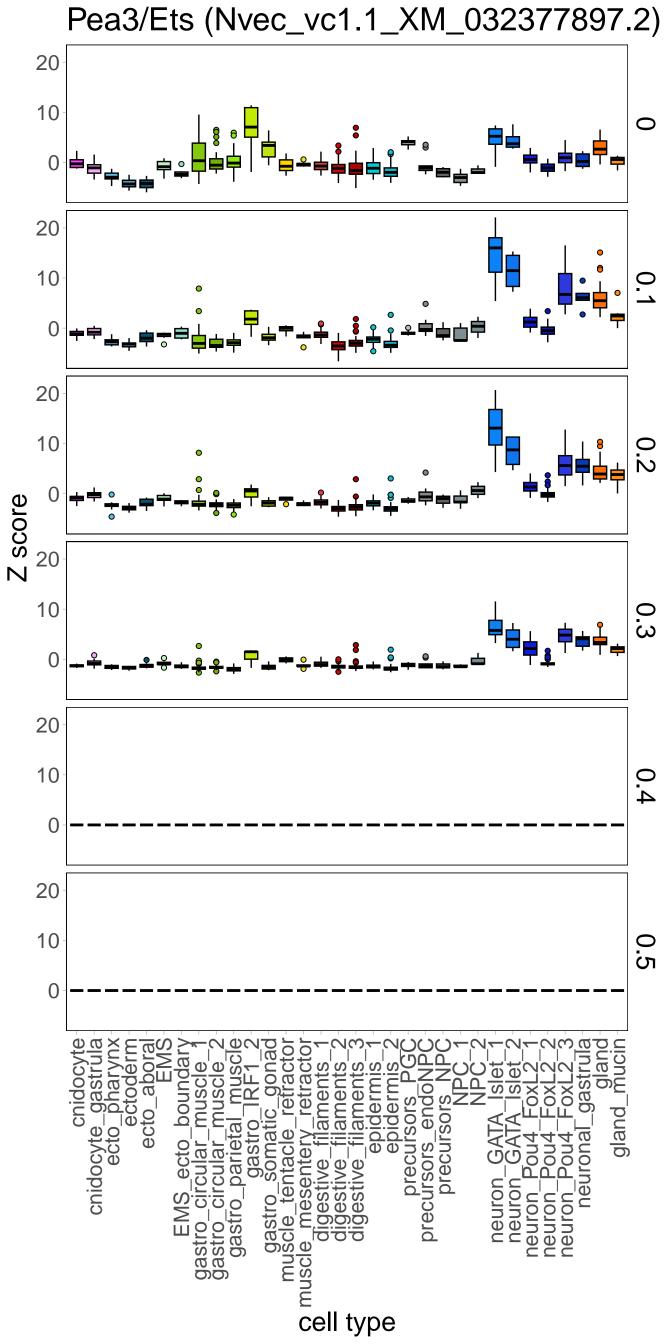
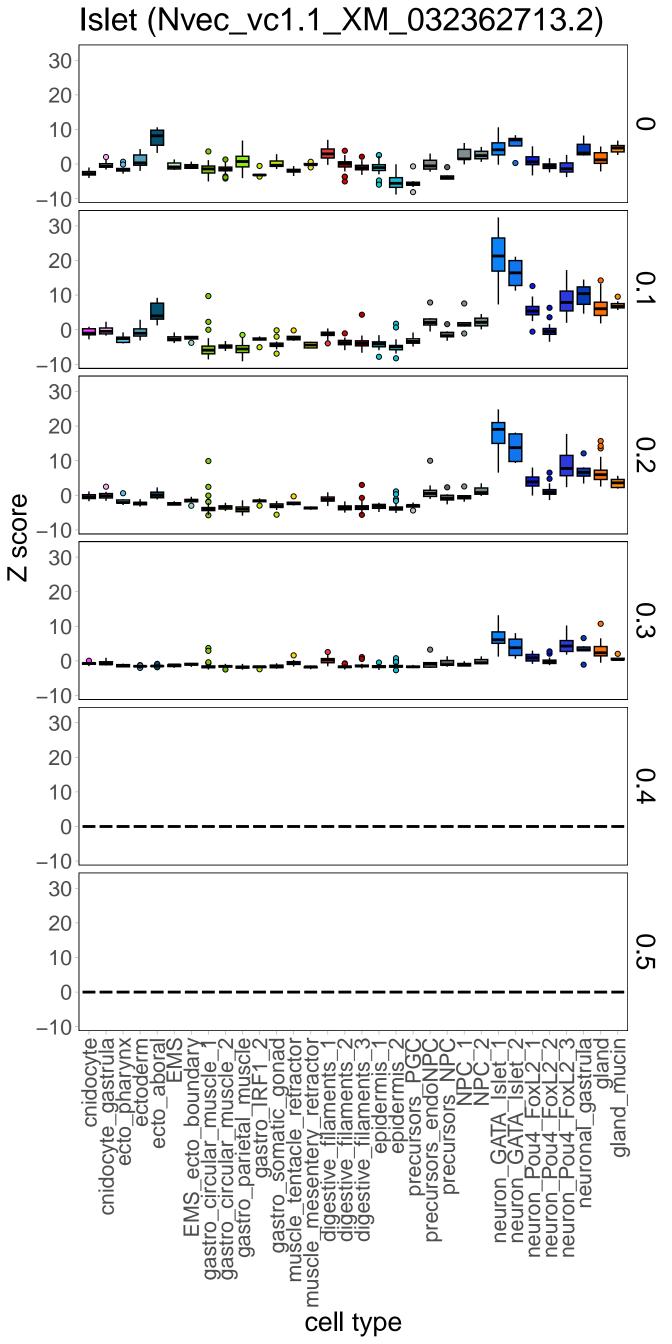
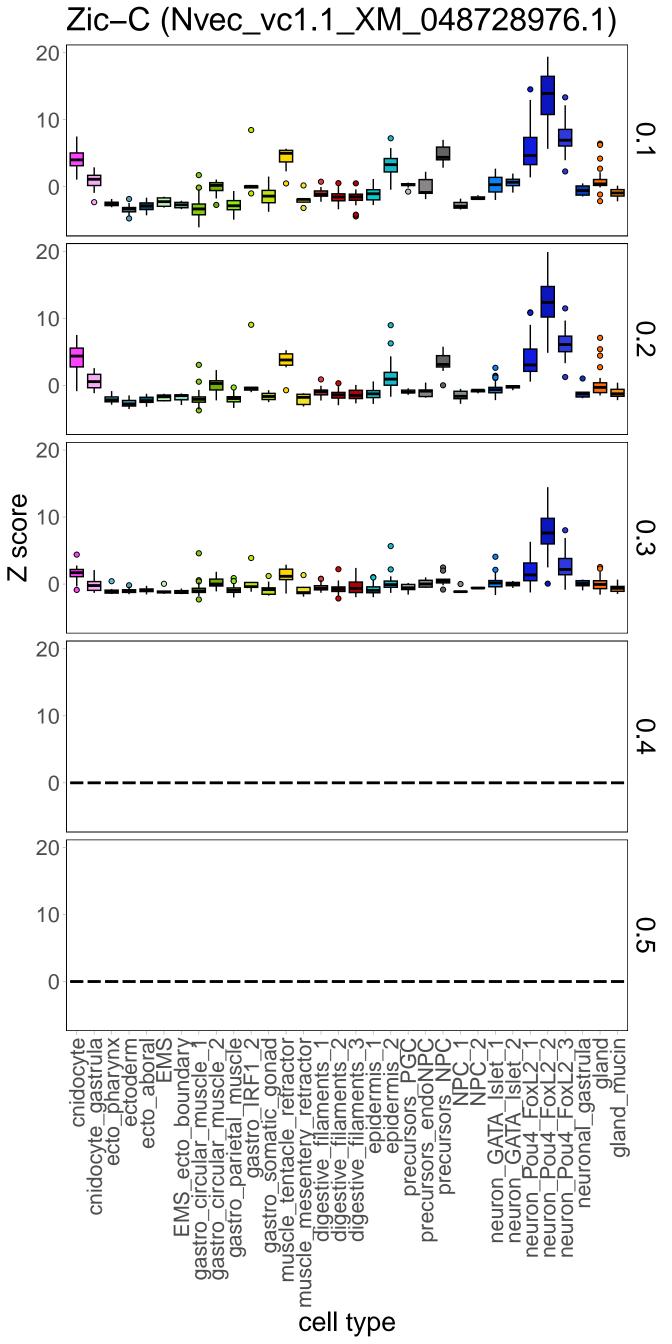


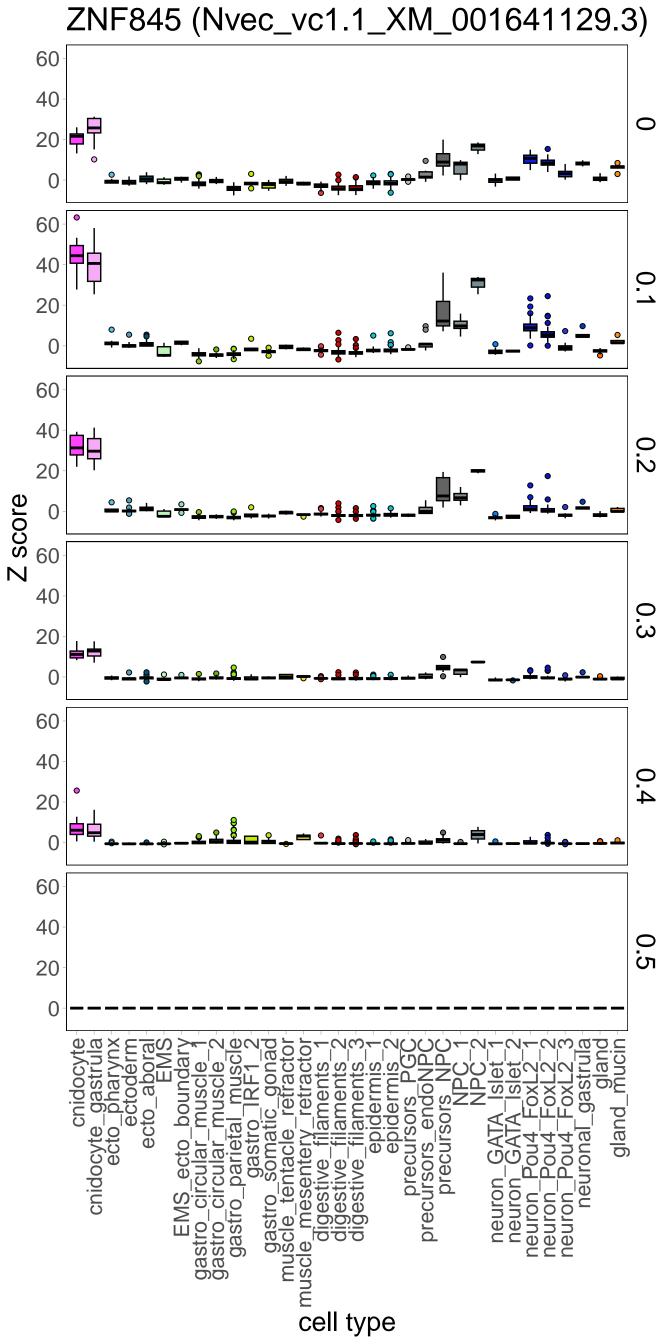
Z score 0.5 cnidocyte_gastrúla ecto_pharynx ectodérm epiderm epiderm precursors_end gland neuron cell type

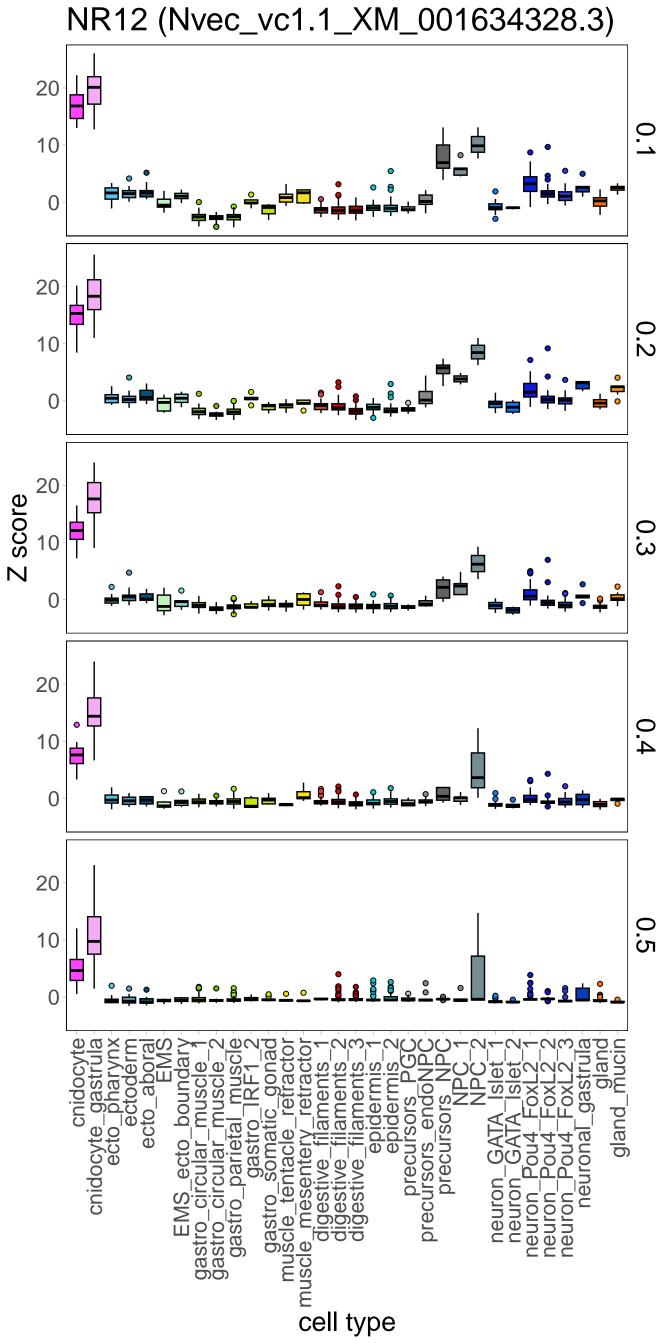






GATA (Nvec_vc1.1_XM_032367288.2) -10 -10 0.3 -10 -10 -10 aments laments epidermis epidermis precursors_end gland cell type



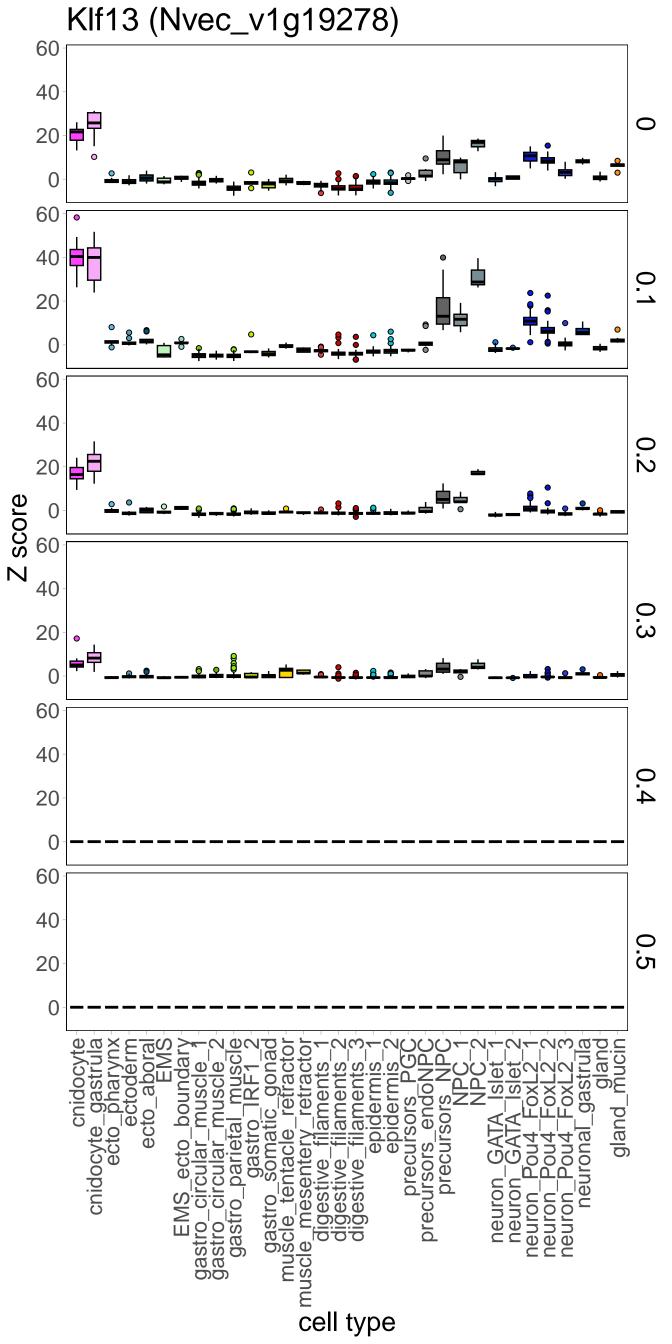


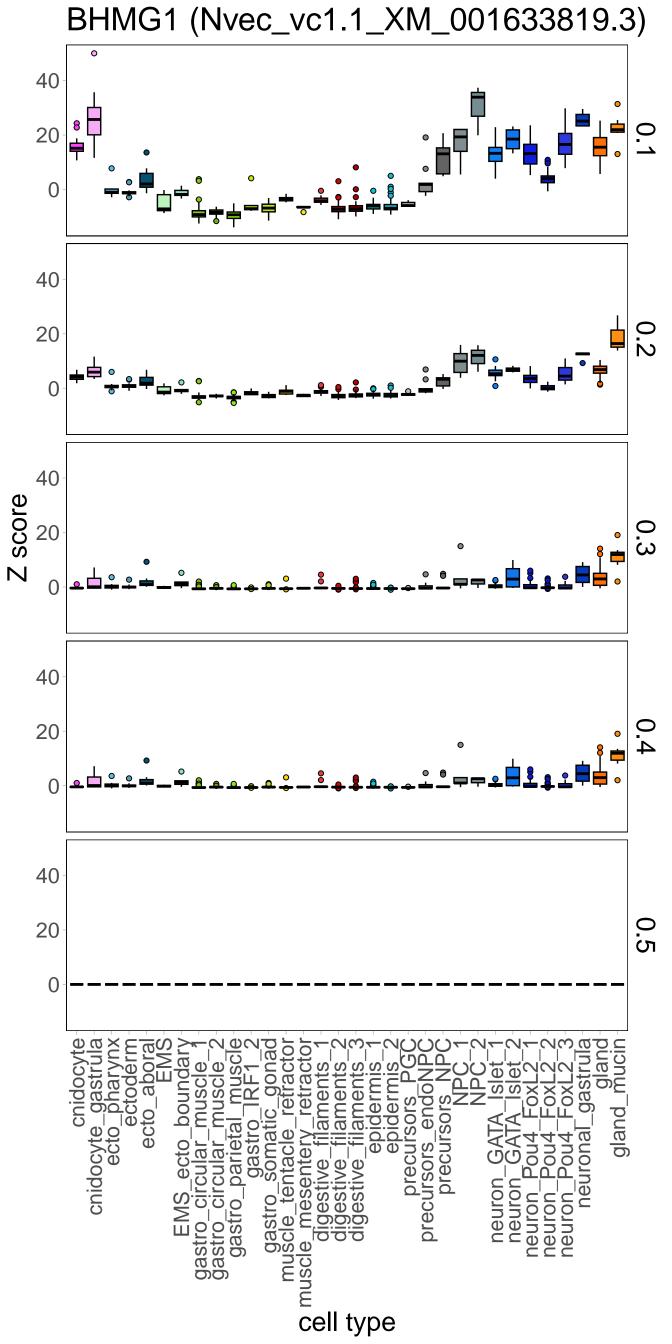
Z score 0.3 epiderm epiderm precúrsors_endo precursors gland cell type

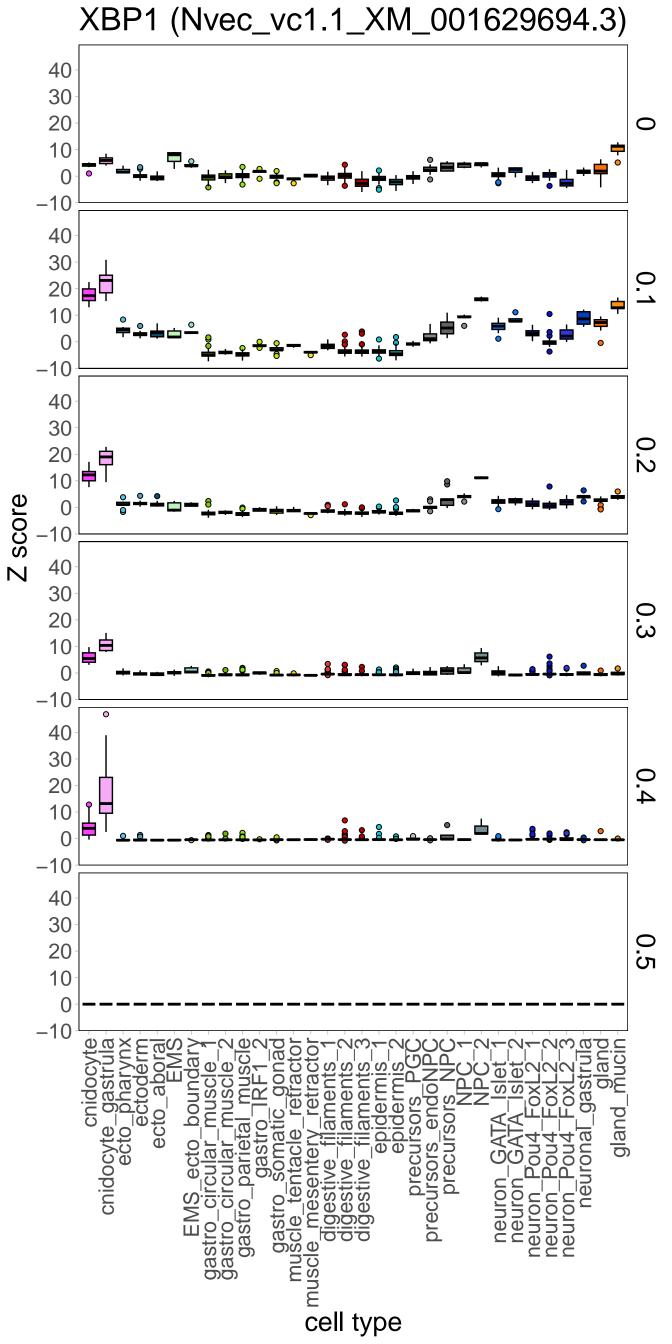
Cnido-Fos1 (Nvec_vc1.1_XM_048730 20 10 0 -10 20 10 0 -10 20 10 0 -10 20 10 0 -10 20 10 0 -10 20 10 0.5 0 10 aments laments epidermis epidermis precursors_end gland neuron cell type

Z score

Cnido-Jun (Nvec_vc1.1_XM_032385896.2 12 8 4 0 -4 12 8 4 0 -4 12 8 0.2 4 0 Z score -4 12 8 0.3 4 0 -4 12 8 4 0 -4 12 8 0.5 4 0 cnidocyte_gastrula ecto_pharynx-ectoderm gland gastrula ecto_aboral EMS ecto boundary laments epidermis ament lamen precursors_endo precursors gland neuron_Pou4 neuron neuron neuron neuron cell type



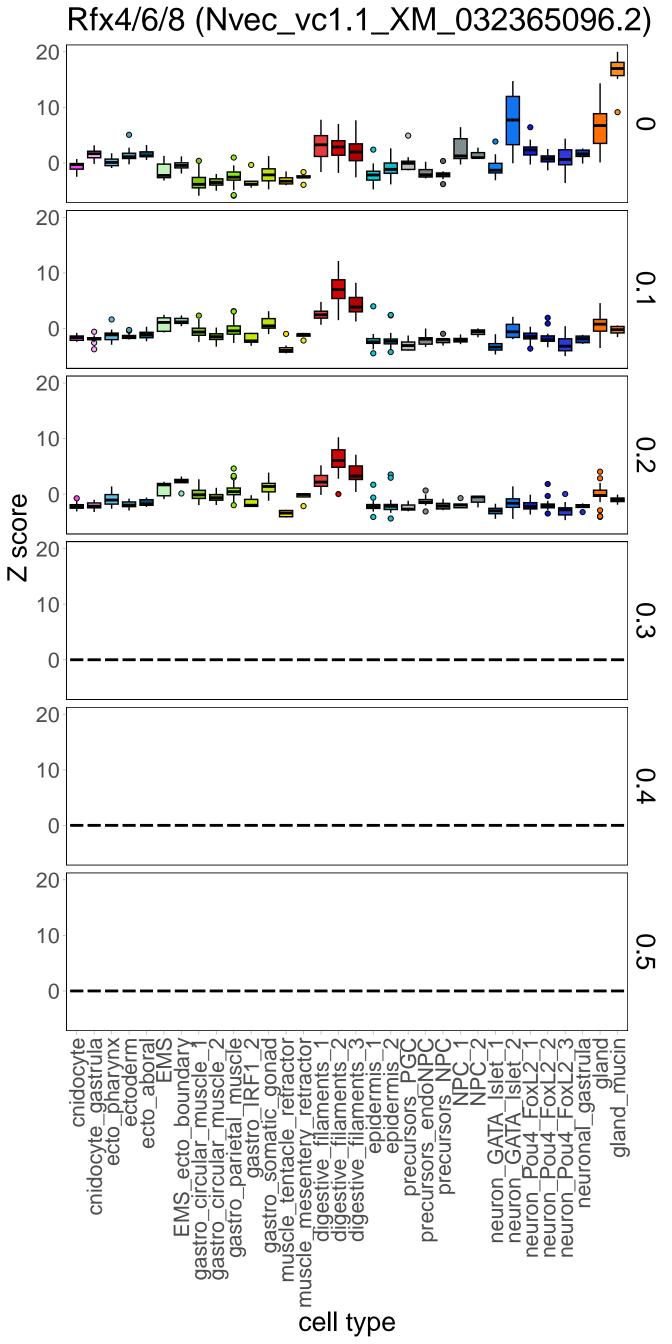




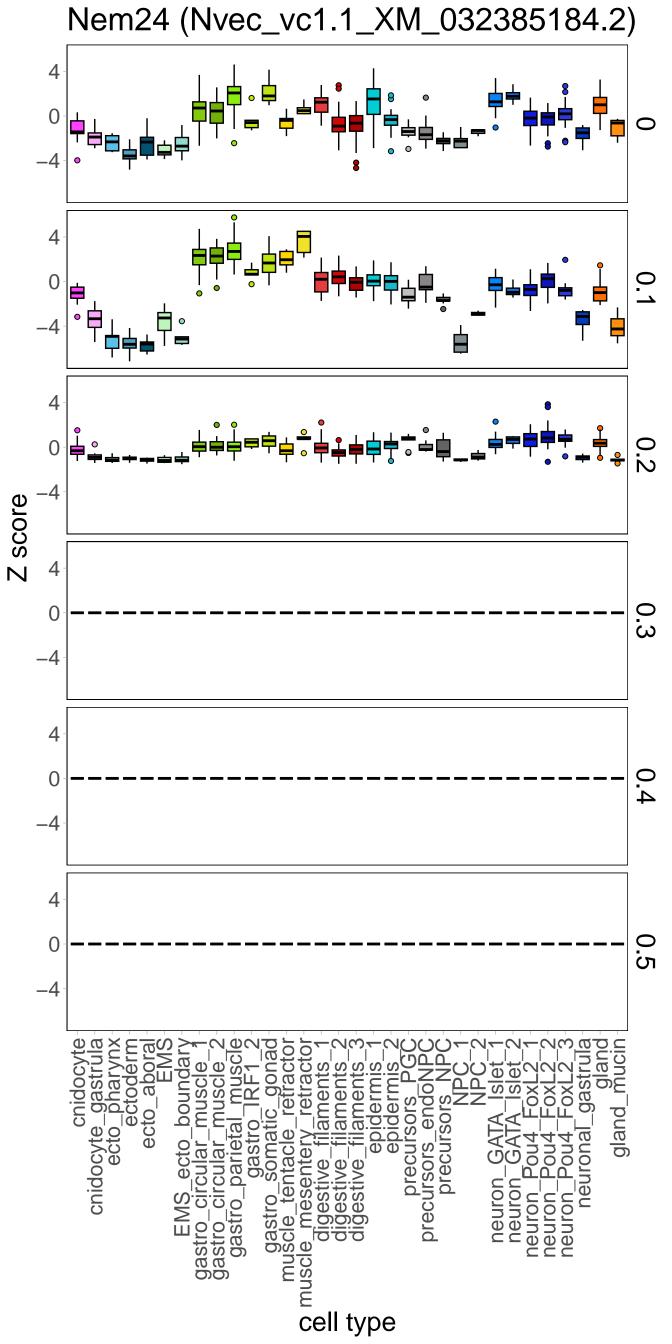
Hand2 (Nvec_vc1.1_XM_032381908.2) 10 0 10 10 0 -10 10 0 -10 10 0.3 0 -10 10 0 -10 10 0 -10 gland cell type

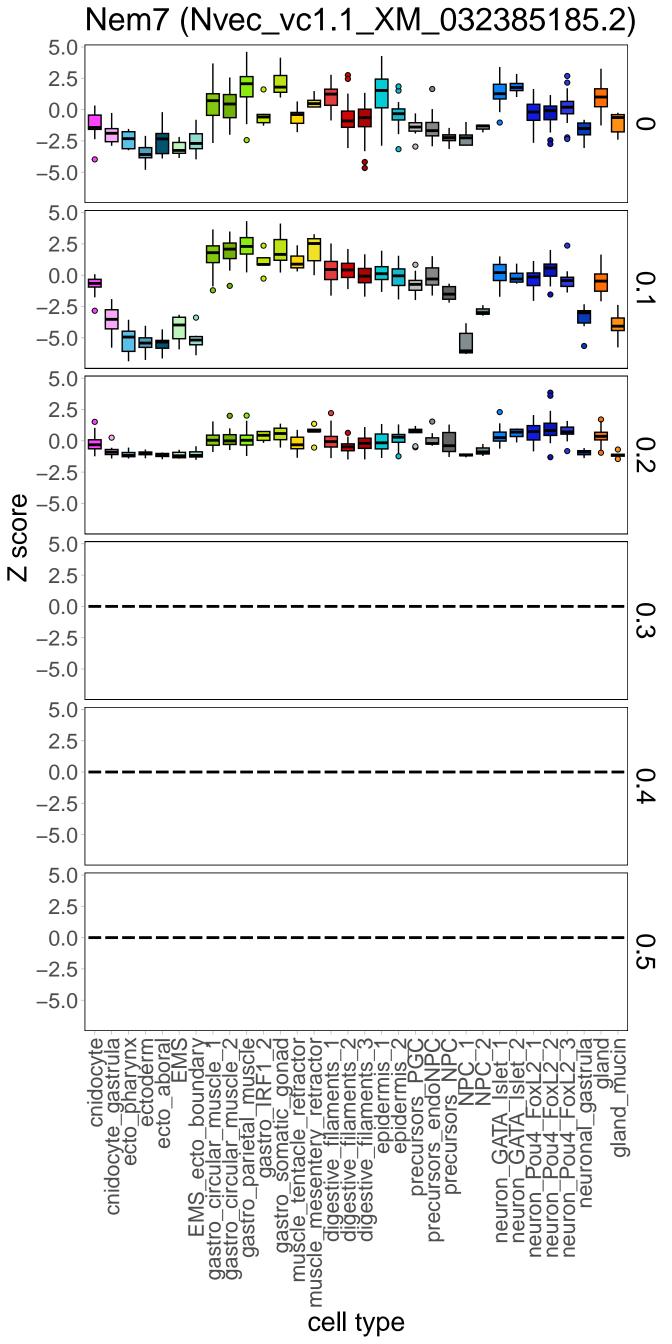
FoxC (Nvec_vc1.1_XM_001625950.3) 5 0 5 0 5 0.2 0 Z score 5 0.3 0 5 0 5 0.5 0 cnidocyte_gastrúla ecto_pharynx ectoderm EMS_ecto_boundary laments laments ilaments epidermis epidermi precursors_endo precursors gland neuron neuron neuron cell type

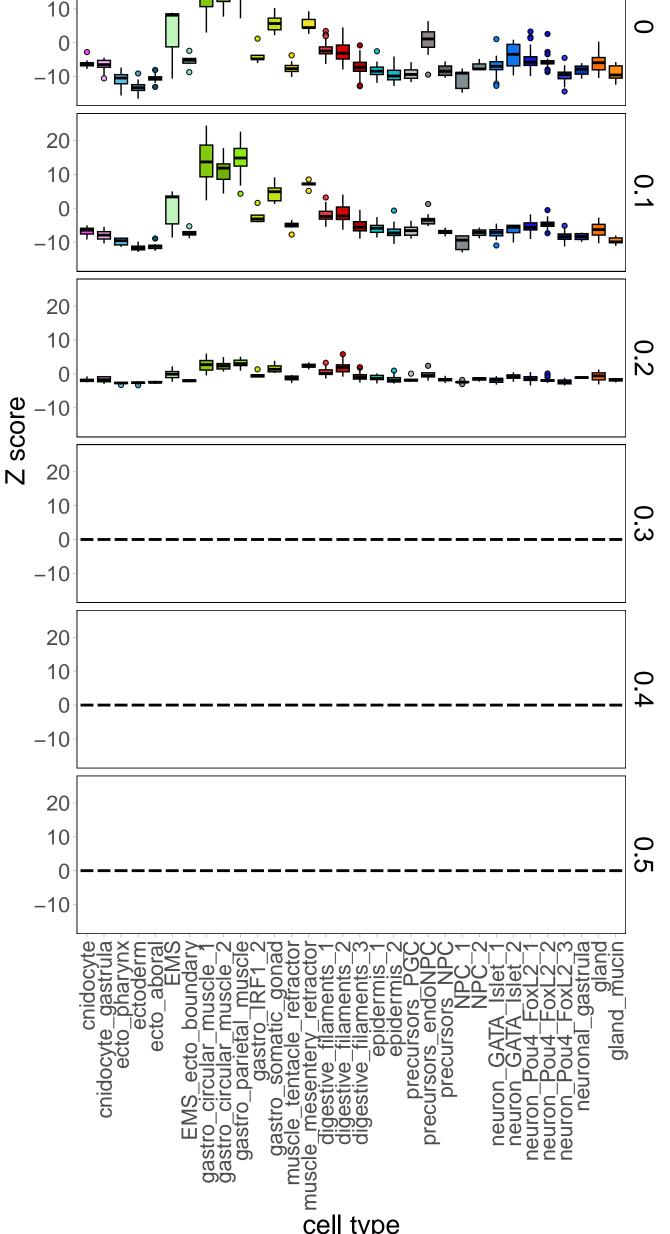
(Nvec_vc1.1_XM_001636889.3) 10 0 -10 10 0 -10 10 0 Z score -10 10 0.3 0 -10 10 0 **-10** 10 0.5 0 -10 epidermis epidermis aments laments precursors_end gland neuron cell type



Nem64 (Nvec_vc1.1_XM_001634938.2) 15 10 5 0 -5 15 10 0.2 5 0 -5 15 Z score 10 5 0 -5 15 10 5 0 -5 15 10 0.5 5 0 -5 cnidocyte_gastrúla ecto_pharynx ectoderm epidermis lamen precursors_endo precursors gland neuron cell type





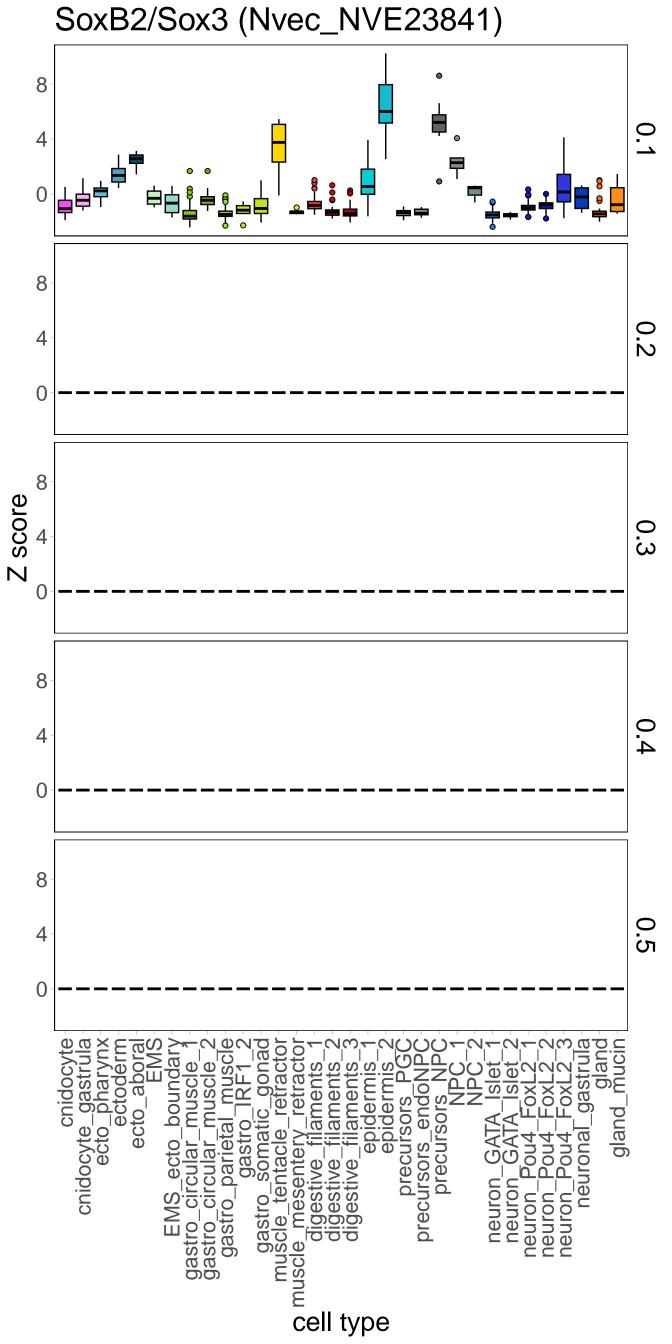


cell type

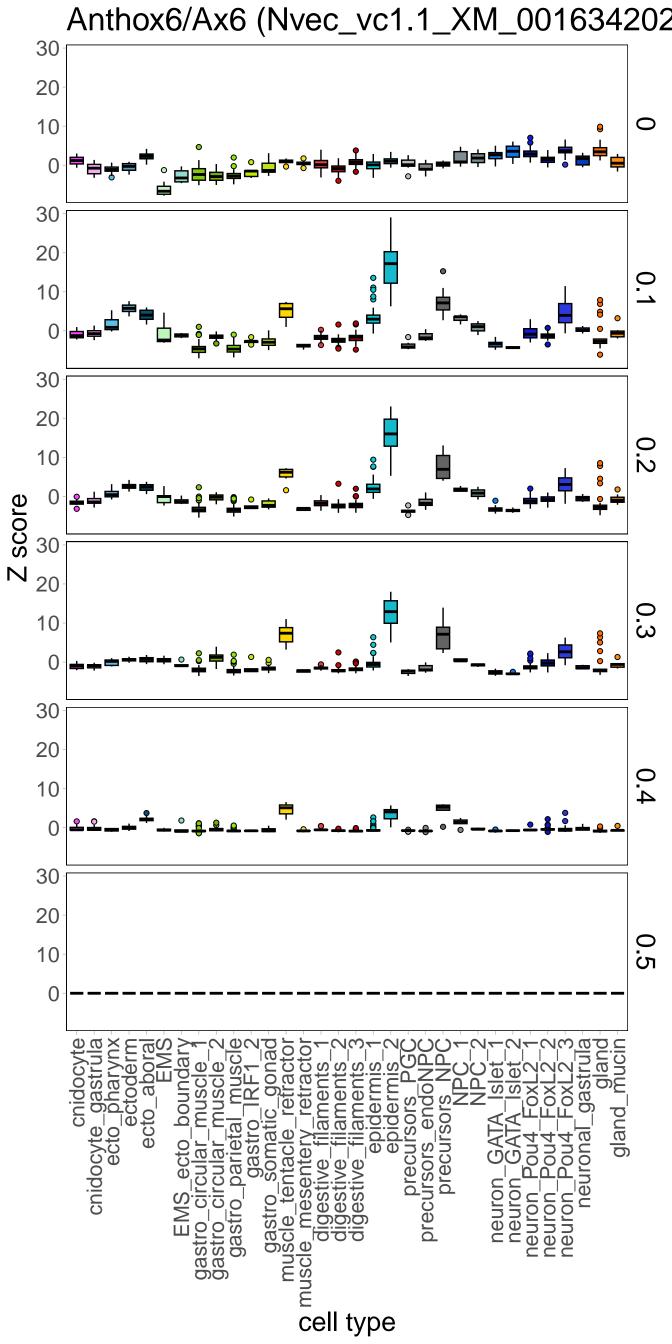
VAx-EMX-Like (Nvec_vc1.1_XM_03237 40 20 0 0 -20 40 20 0 -20 40 20 0.2 0 -20 40 0.3 20 0 -2040 20 0 -2040 0.5 20 0 -20 epidermis epidermis aments laments precursors_end gland neuron cell type

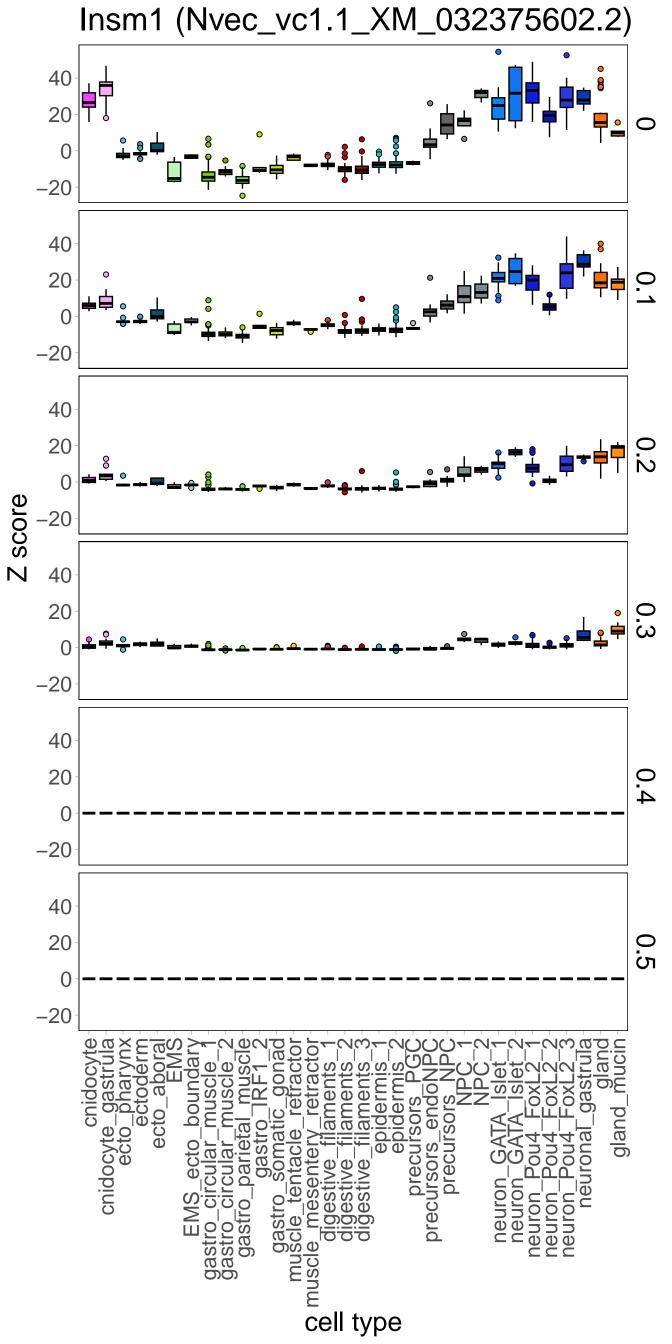
Z score

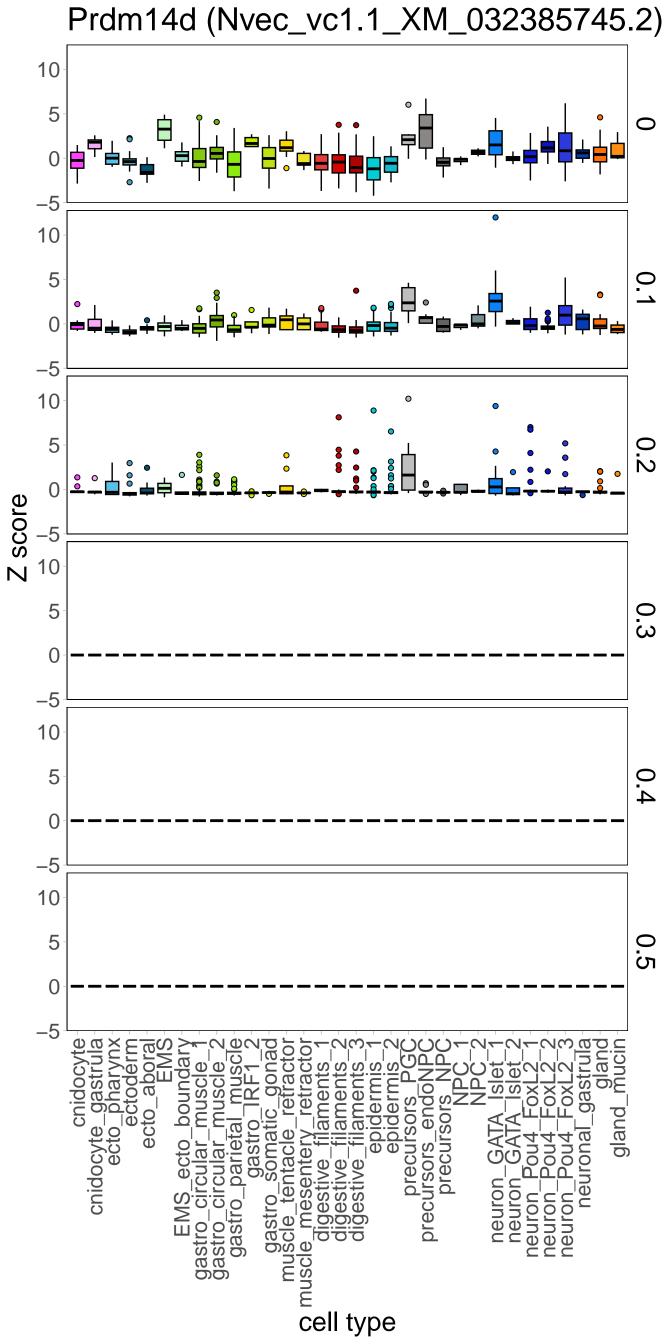
TBX20 (Nvec_vc1.1_XM_001629218.3) 20 10 0 0 -10 20 10 0 -10 20 0.2 10 Z score -10 20 0.3 10 0 -1020 10 0 -10 20 0.5 10 0 **-10** epidermis epidermis laments precursors_end gland neuron cell type



Anthox1/Ax1 (Nvec_vc1.1_XM_ Z score 0.3 cnidocyte_gastrúla ecto_pharynx ectoderm epidermis epidermis precursors precursors_end gland neuron cell type

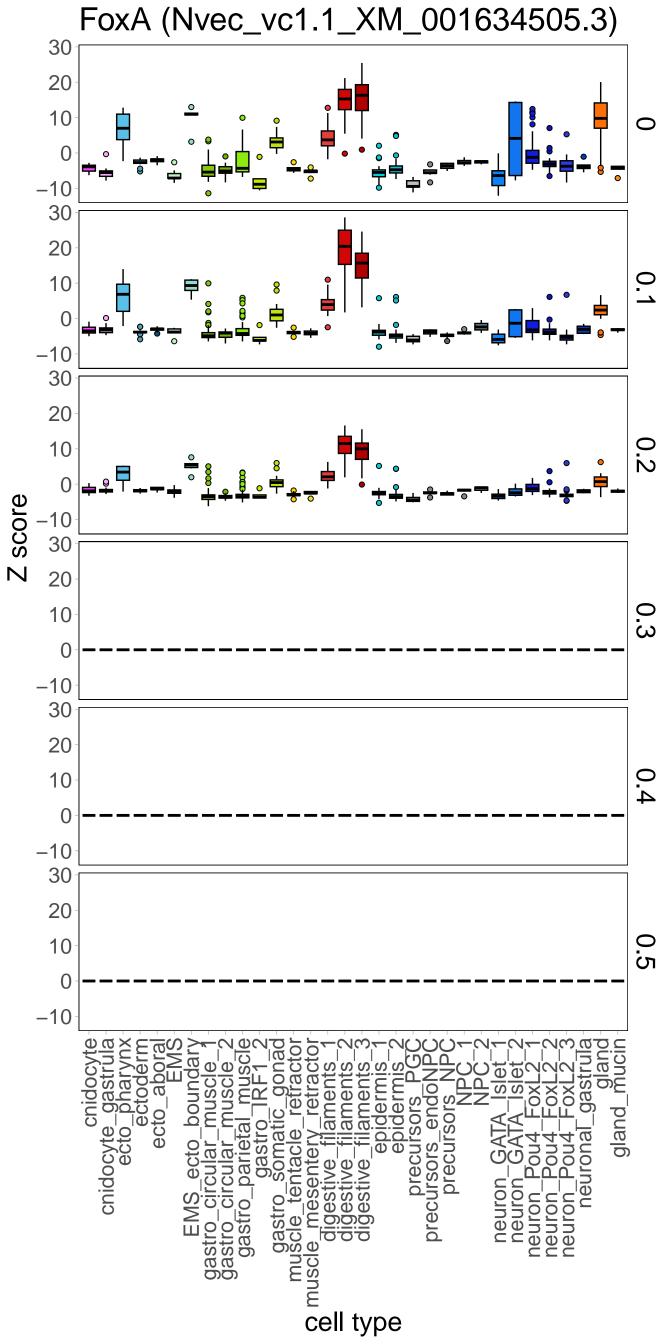


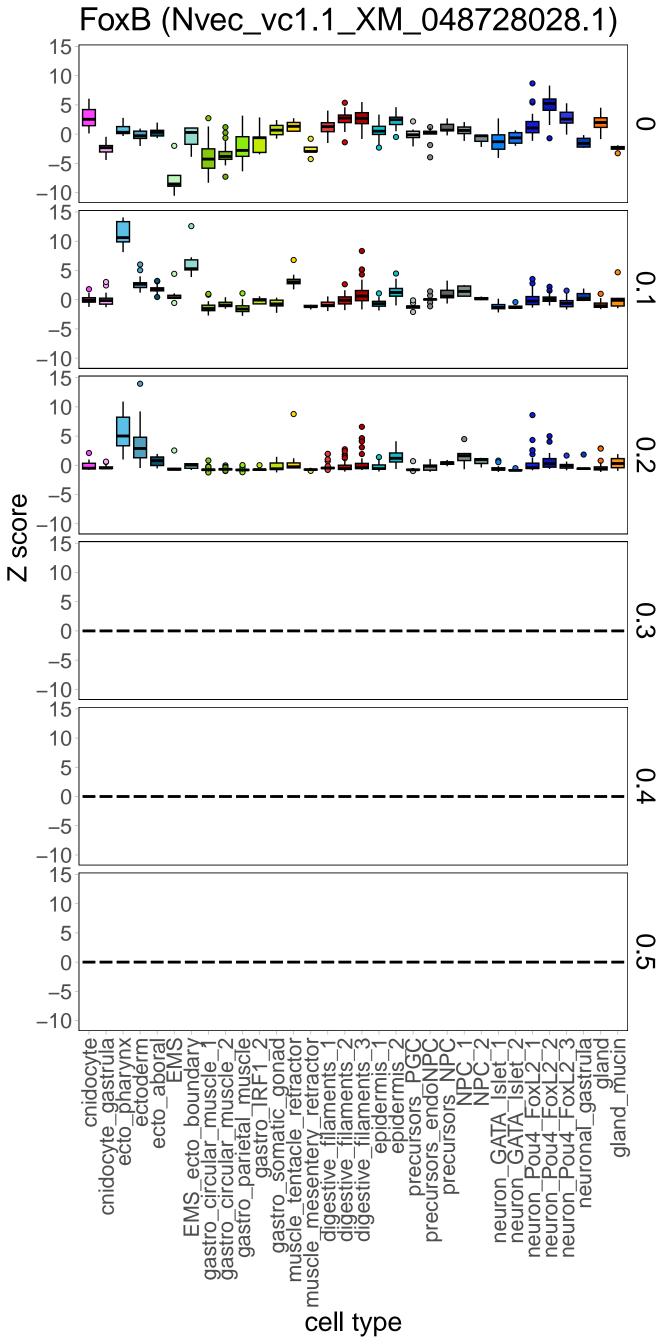


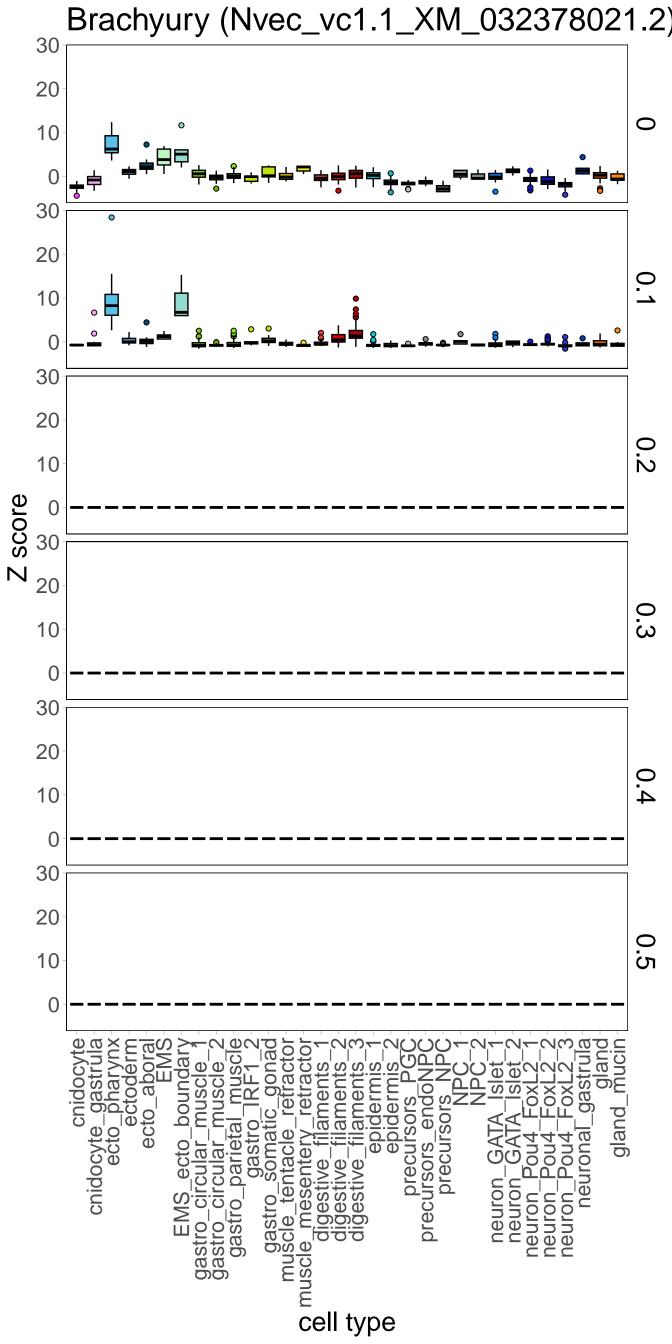


Nkx-2.2a (Nvec_vc1.1_XM_032373618.2 10 5 0 -5 -10 -15 10 5 0 -5 **-10** -15 10 5 0 -5 -10 -15 10 5 0.3 0 -5 -10 -15 10 5 0 -5 -10 **-15** 10 5 0.5 0 -5 -10 -15 epidermis epidermis aments laments ilaments precursors_endo gland neuron cell type

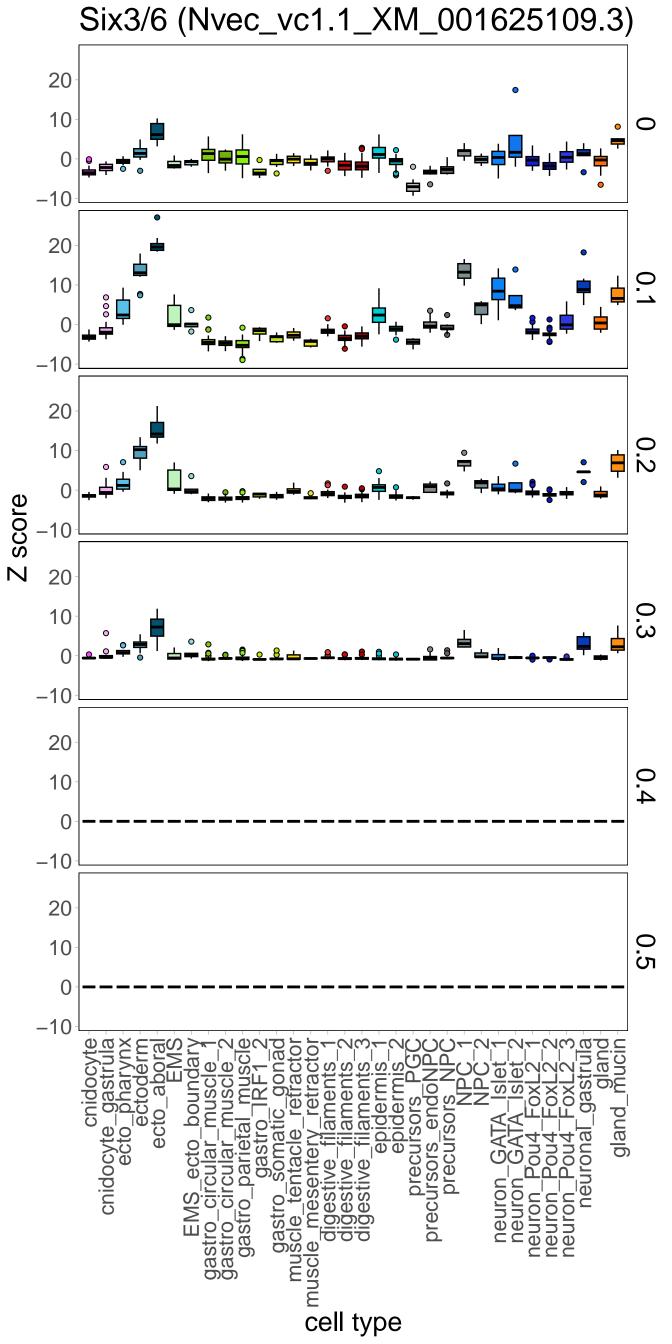
LMX (Nvec_vc1.1_ 10 0 10 0 10 。 中**中** 0 Z score 10 0 10 0 10 0 cnidocyte_gastrúla ecto_pharynx ectoderm epidermis epidermis lamen precursors_endo precursors gland neuron cell type



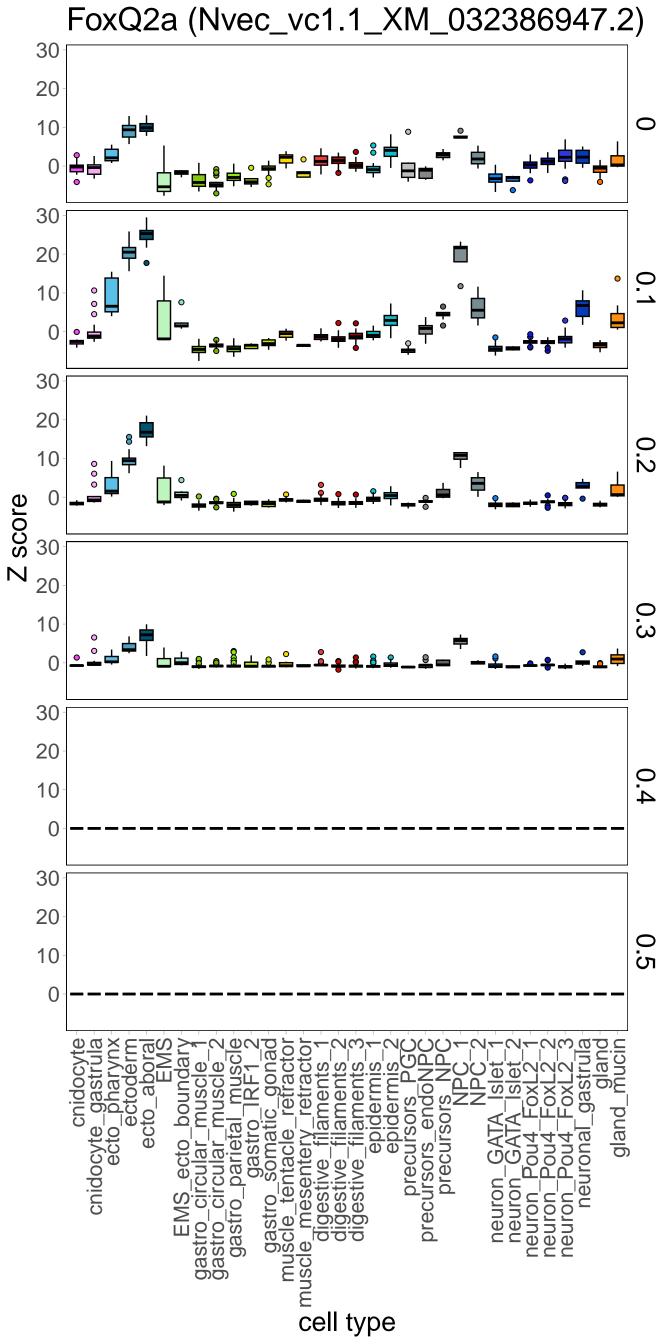




Sp6-9 (Nvec_vc1.1_XM_032384420.2) -10-10 。 **中**申 -10 0.3 -10 -10 -10 ecto pira. ectodérm epidermis epidermis aments laments llaments precursors_endo gland neuron cell type



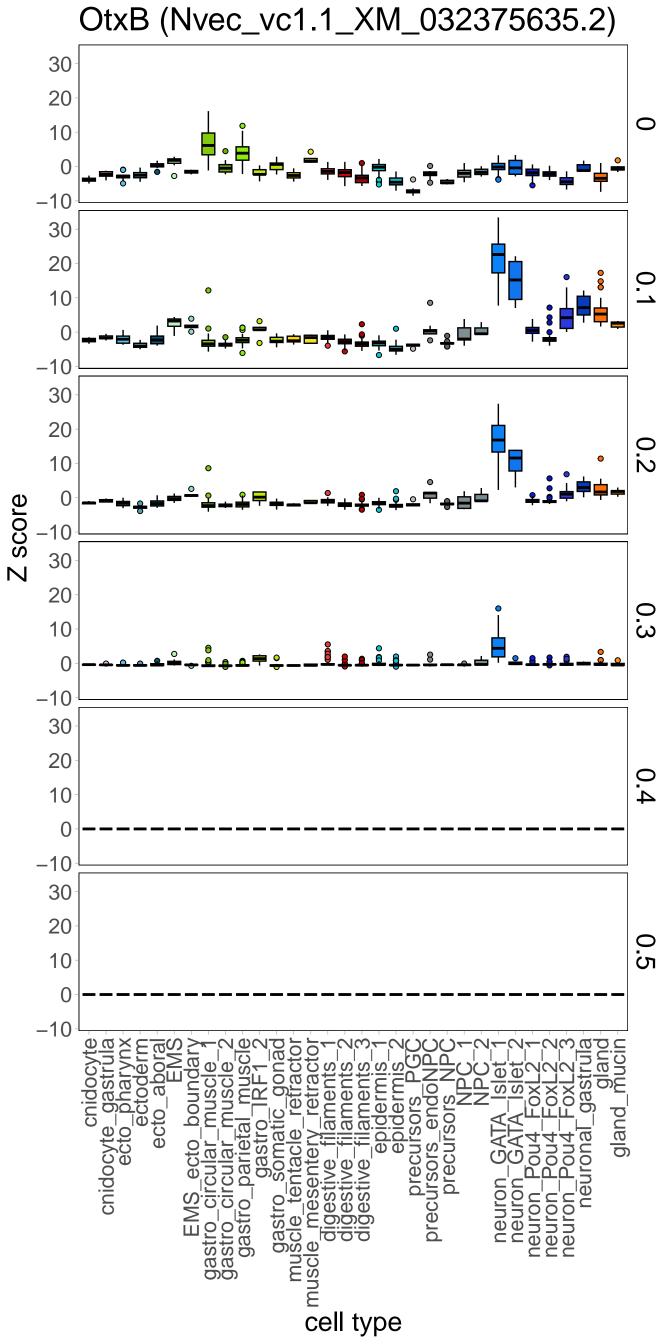
Grainyhead (Nvec_vc1.1_XM_032386243 15 10 5 0 -5 15 10 5 0 -5 15 10 Z score 5 0 -5 15 10 5 0 -5 15 10 0.5 5 0 -5 cnidocyte_gastrúla ecto_pharynx ectoderm gastrula EMS ecto boundary epidermis epidermis lamen precursors_endo precursors gland neuron cell type



(Nvec_vc1.1_ -10 -10 -10 0.3 -10 -10 0.5 aments laments epidermis epidermis precursors_end gland neuron cell type

(Nvec_vc1.1_ -10 -10 0.2 -10 0.3 -10 -10 0.5 aments laments epidermis epidermis precursors_end gland neuron cell type

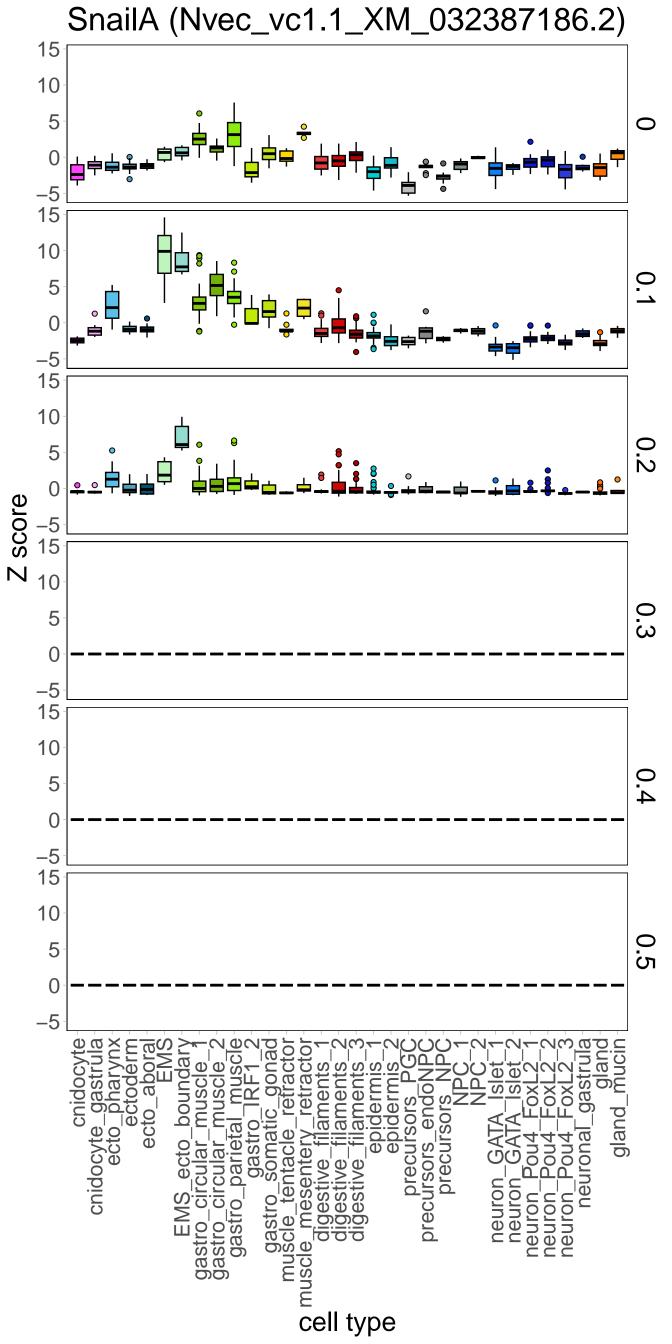
(Nvec_vc1.1_XM _032377450.2) 30 20 10 0 0 -10 30 20 10 0 -10 30 20 10 0 -10 30 20 0.3 10 0 -10 30 20 10 0 -10 30 20 0.5 10 0 -10 aments laments epidermis epidermis precursors_end gland neuron cell type

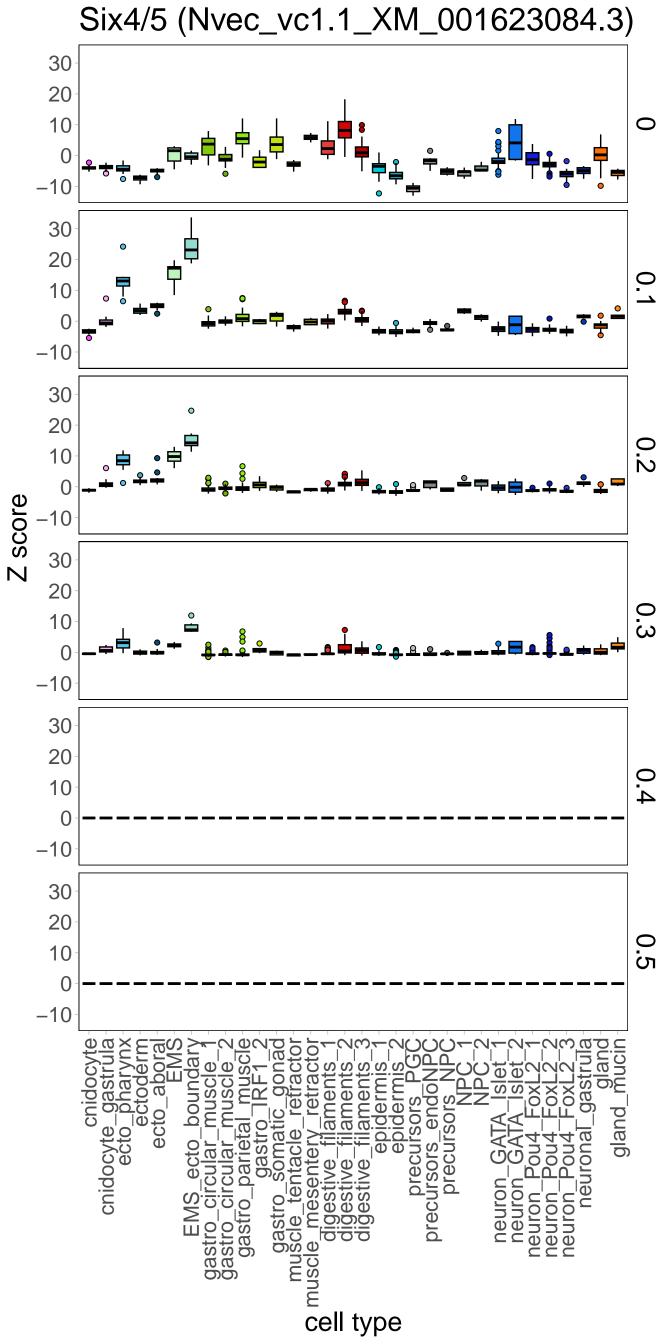


_001647471.3) OtxC (Nvec_vc1.1_XM -10 -10 0.3 -10 -10 0.5 -10 epidermis epidermis aments aments laments precursors_end gland cell type

Lbx (Nvec_vc1.1_XM_001634715.3) 20 10 0 -10 20 10 0 -10 20 10 0 Z score -10 20 10 0.3 0 -10 20 10 0 -10 20 10 0 -10 epidermis epidermis aments laments precursors_end gland neuron cell type

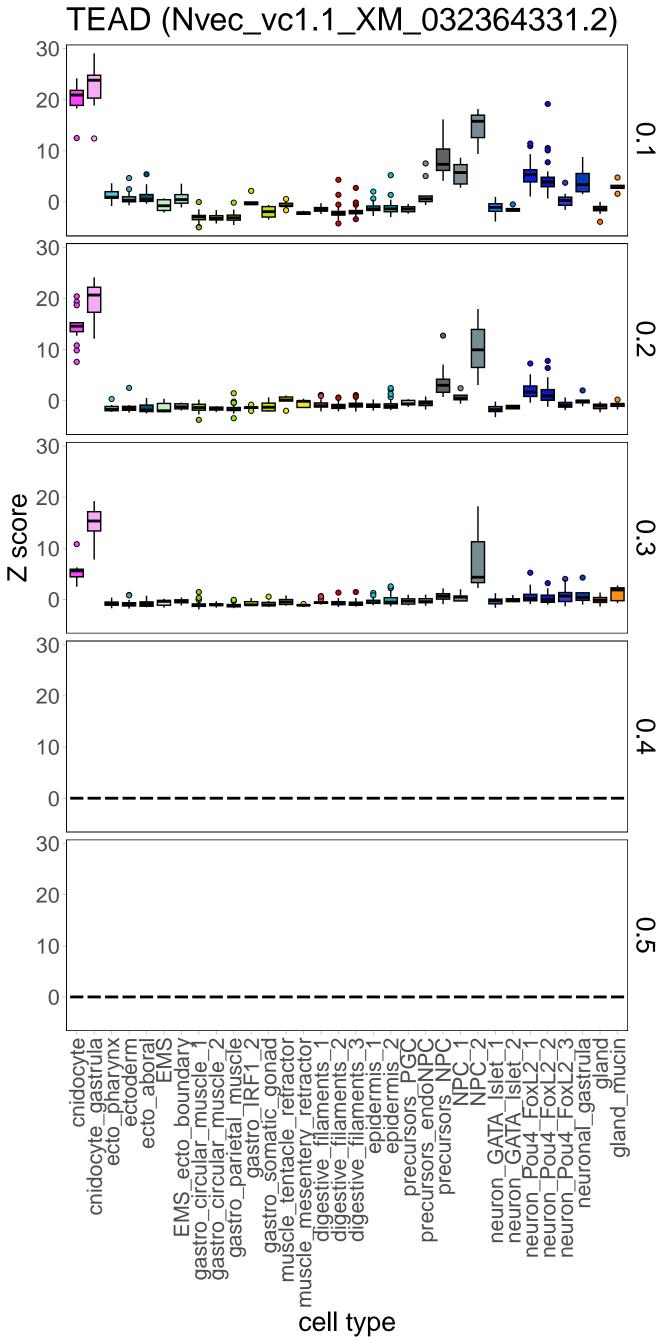
-ANTP (Nvec_vc1.1_XM_0323 20 10 0 0 -10 20 10 0 -10 20 10 0 Z score -10 20 10 0.3 0 -10 20 10 0 -10 20 10 0.5 0 -10 epidermis epidermis laments precursors_end gland neuron cell type

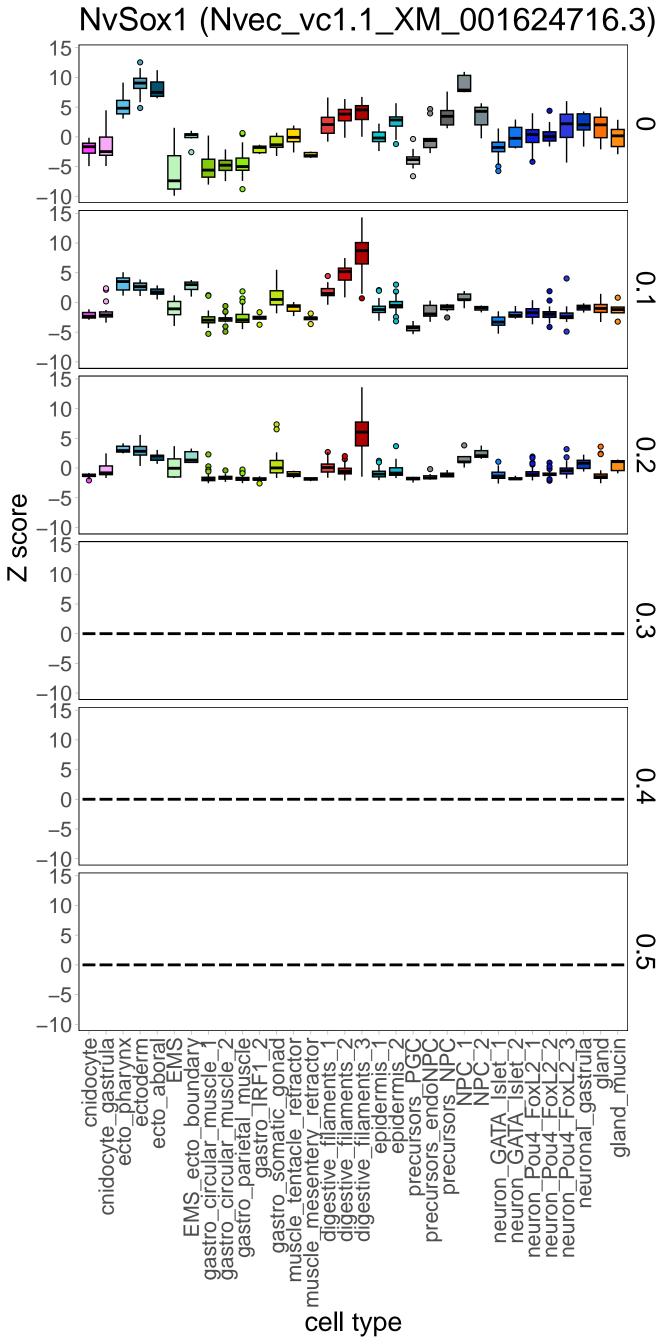


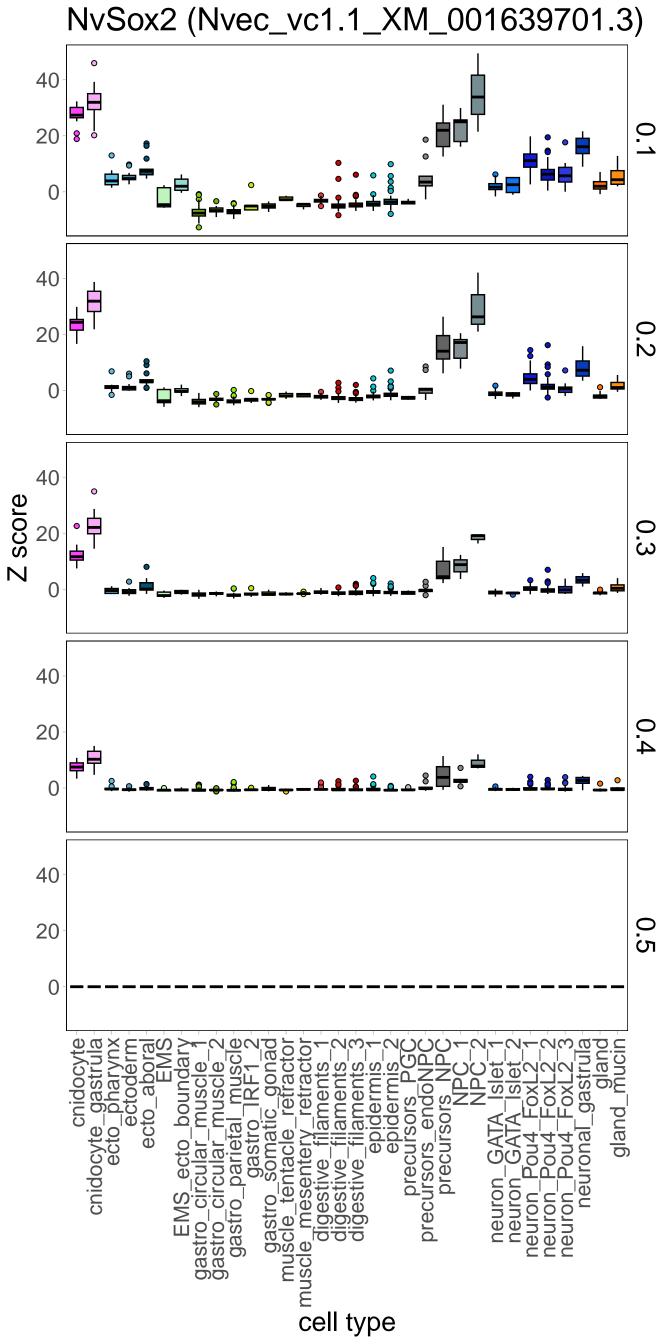


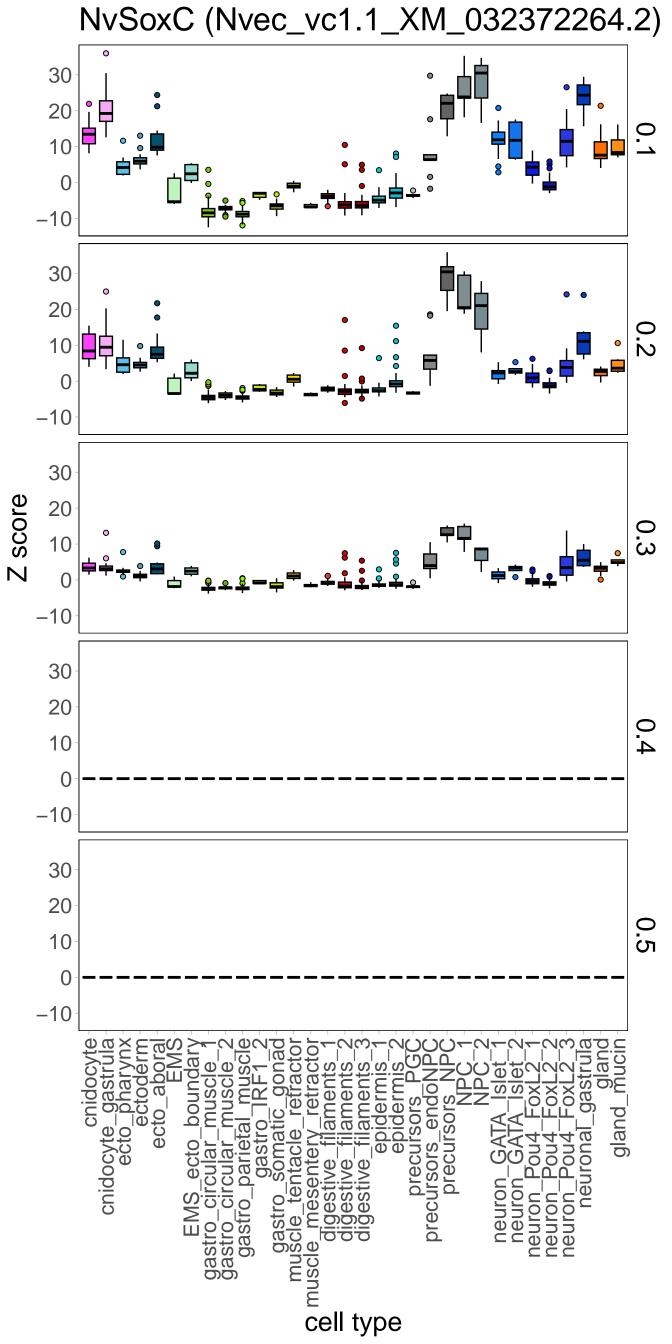
FoxA/D (Nvec_vc1.1_XM 0.3 epiderm epiderm precursors precursors_end gland cell type

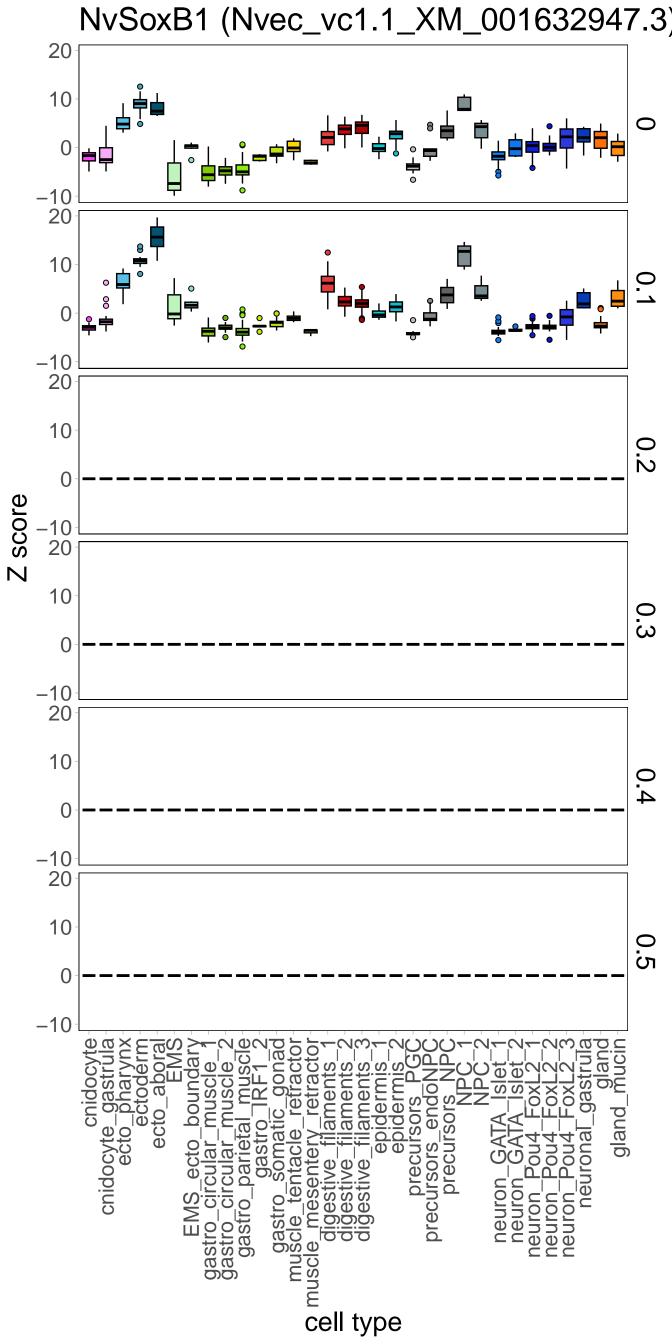
Z score

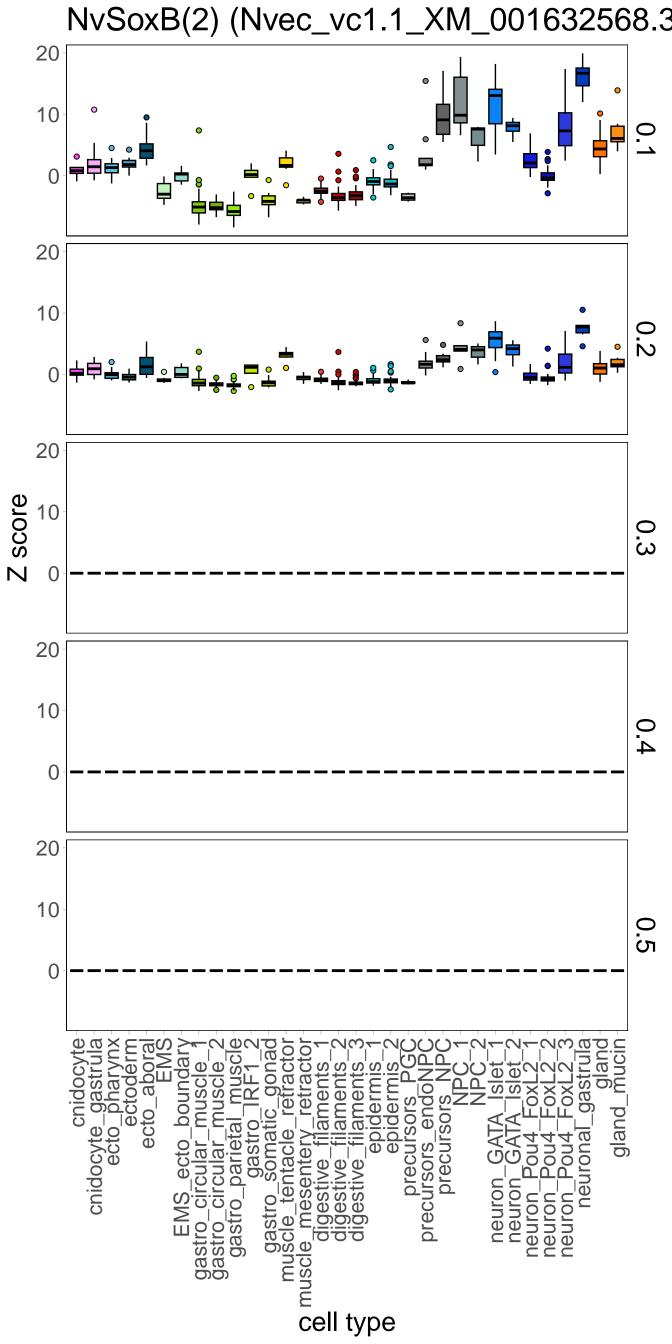


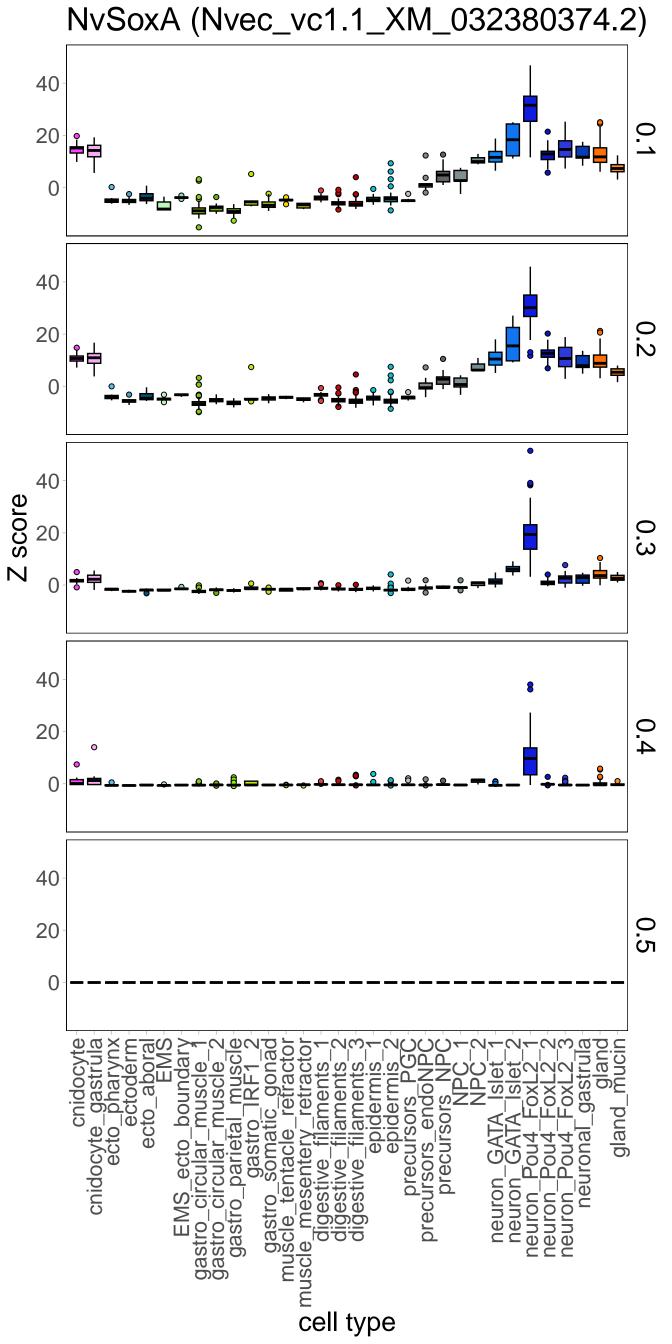


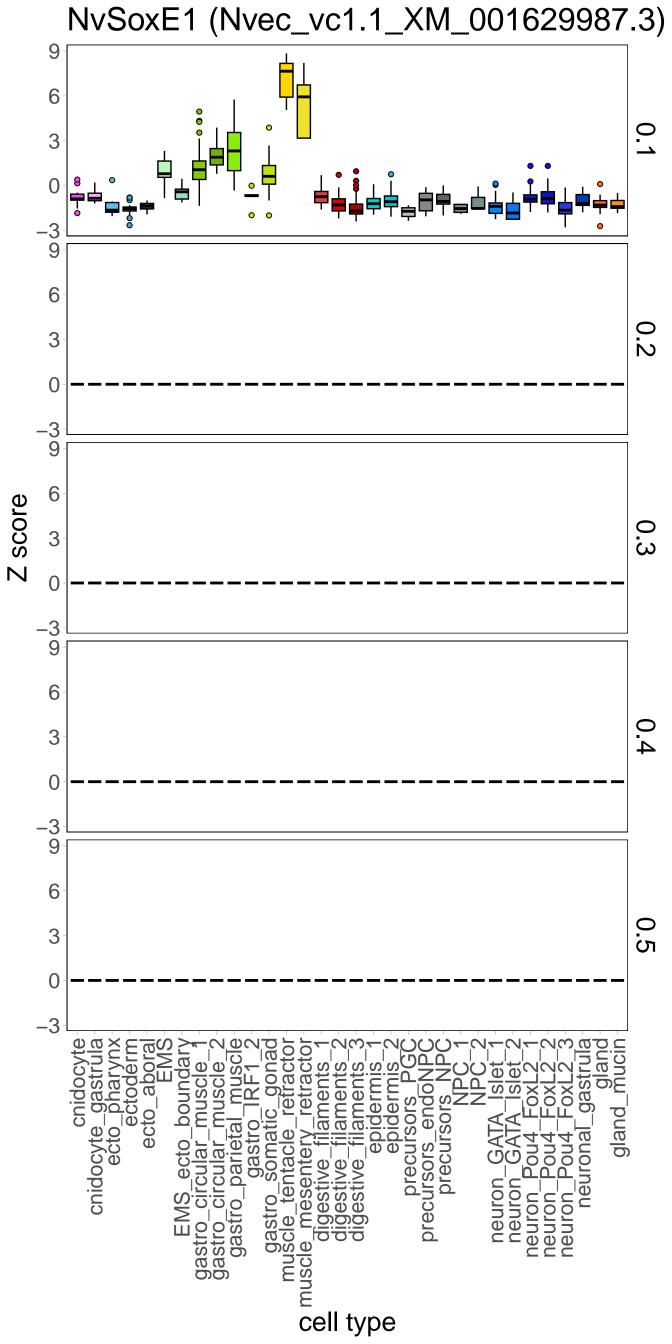


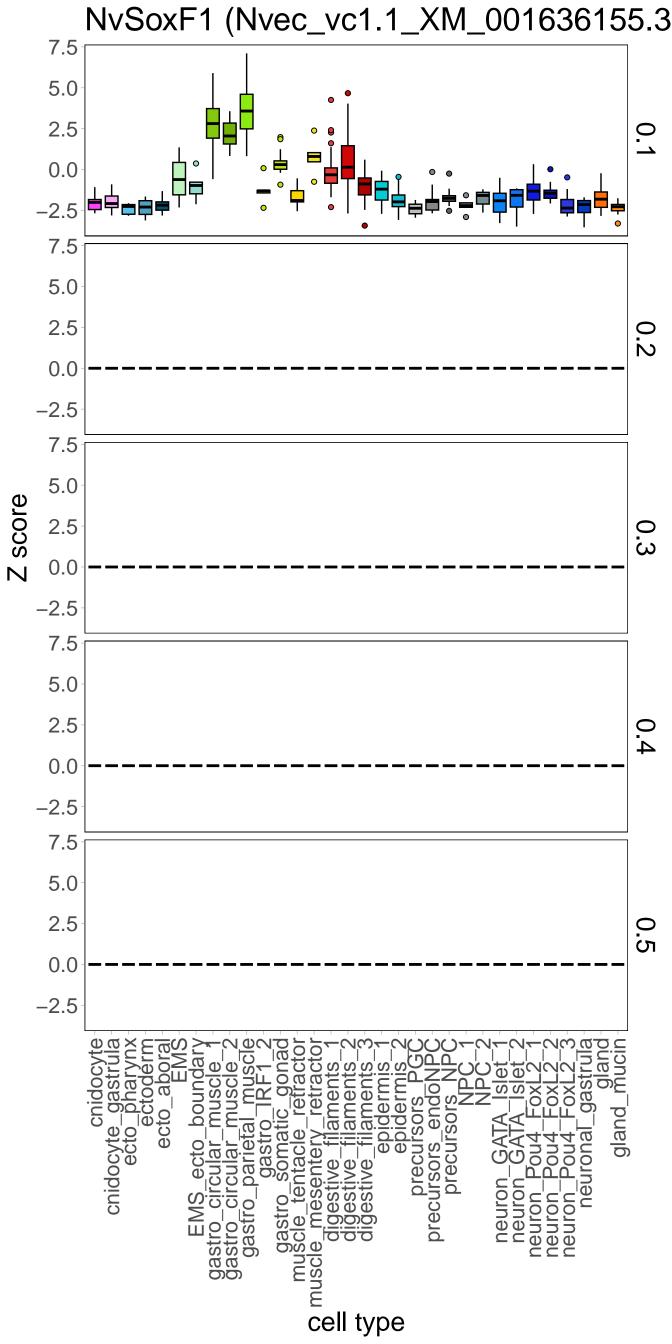






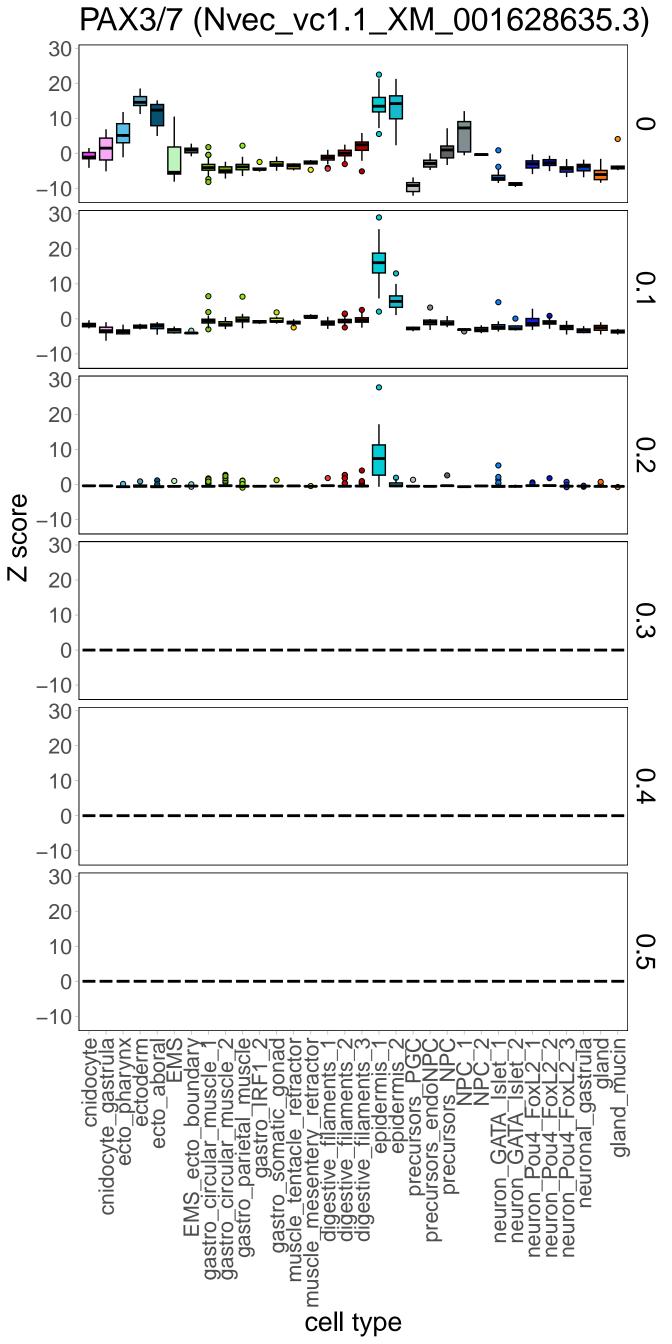




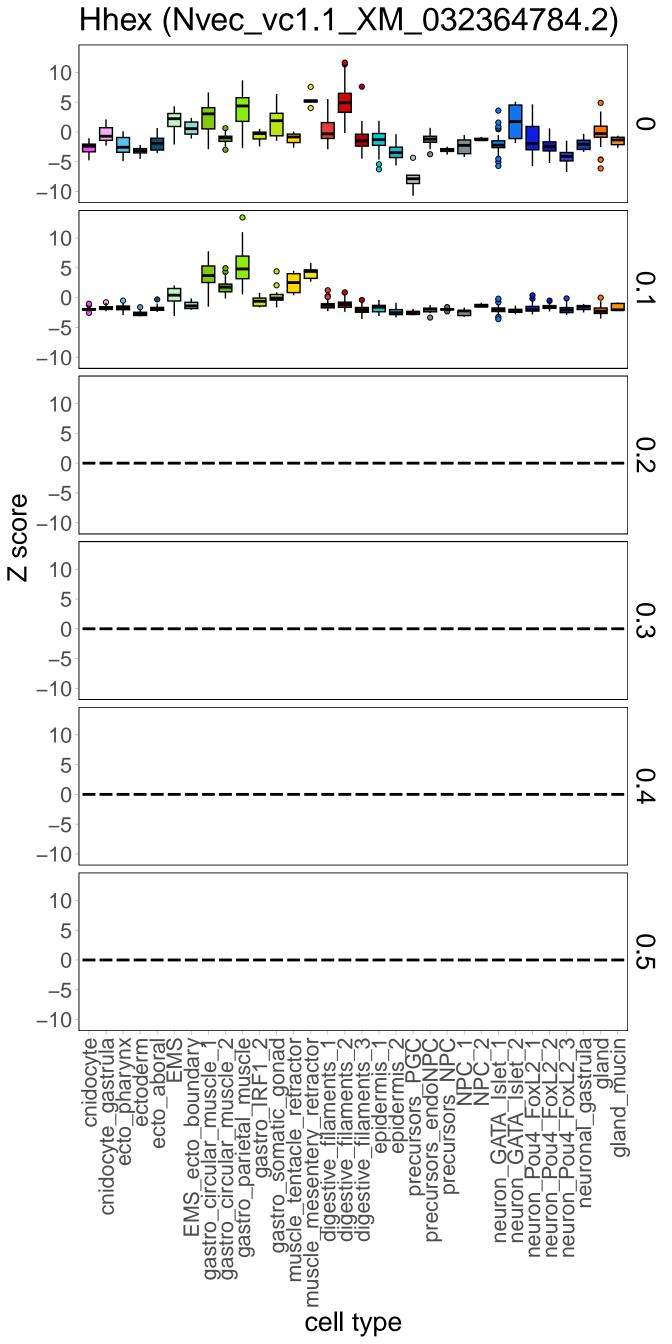


<u>ဂ</u> သ 0.5 epiderm precursors_end gland cell type

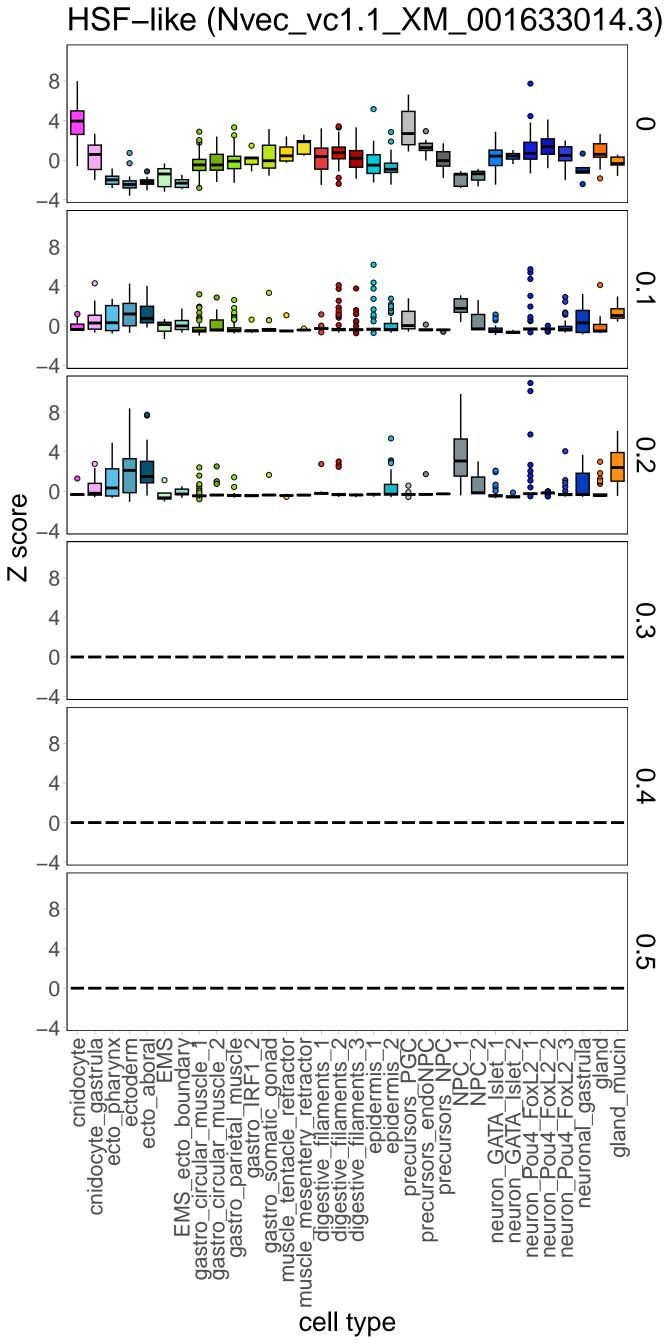
CREB3 (Nvec_vc1.1_ Z score epiderm epiderm precursors_end gland neuron cell type

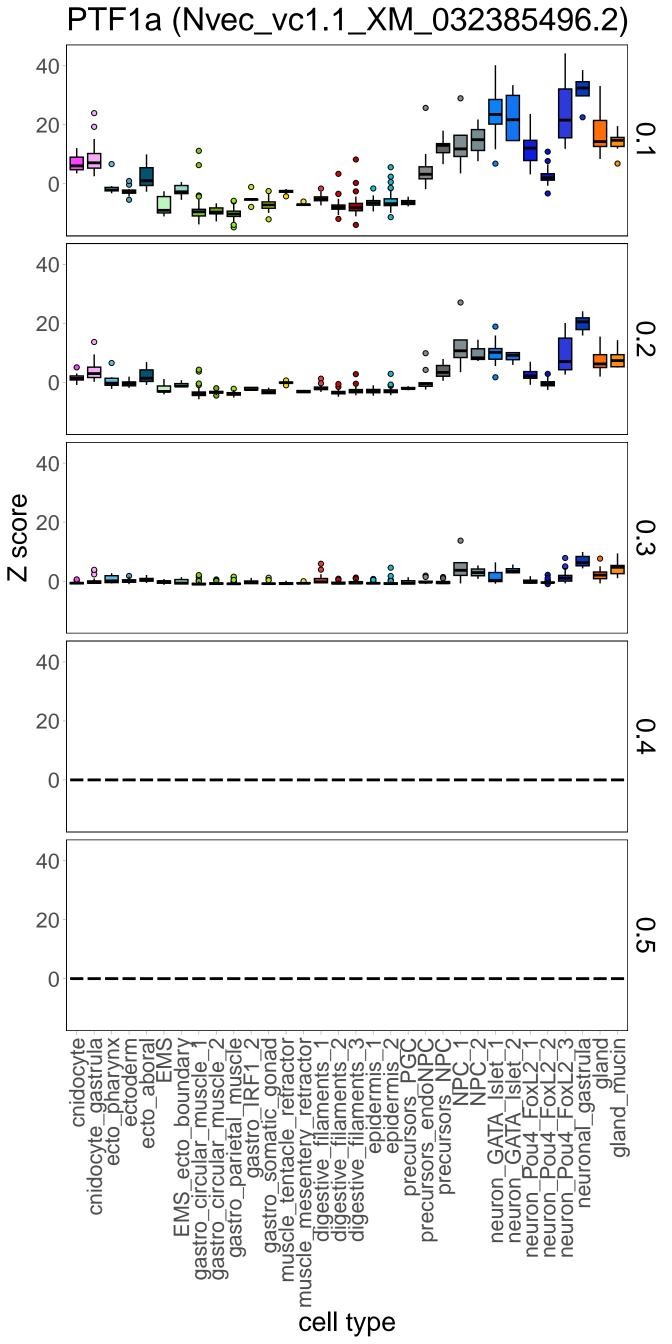


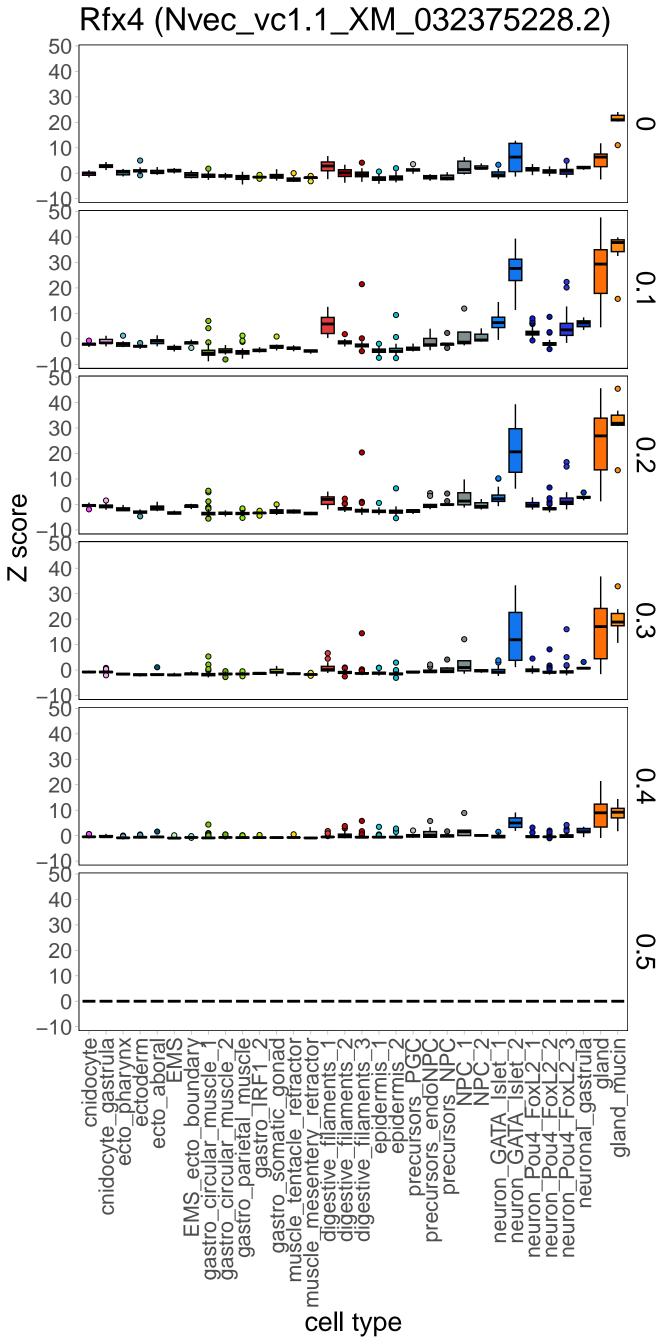
ETV6/7 (Nvec_vc1.1_XM_032384221.2) 10 5 0 0 -5 10 5 0 -5 10 0.2 5 0 Z score -5 10 0.3 5 0 -5 10 5 0 -5 10 0.5 5 0 -5 gland cnidocyte_gastrúla ecto_pharynx ectoderm gastrula ecto_aboral EMS EMS ecto boundary epidermis epidermis aments laments precursors_endo precursors gland neuron_Pou4 neuron neuron neuron cell type



IRF1-2c (Nvec_vc1.1_XM_001622271.3) 0.2 0.3 0.5 epidermis epidermis precursors_end gland cell type







RFX1/2/3 (Nvec_vc1.1_XM_032385647.2) Z score 0.3 epidermis epidermis precursors_endo gland neuron cell type