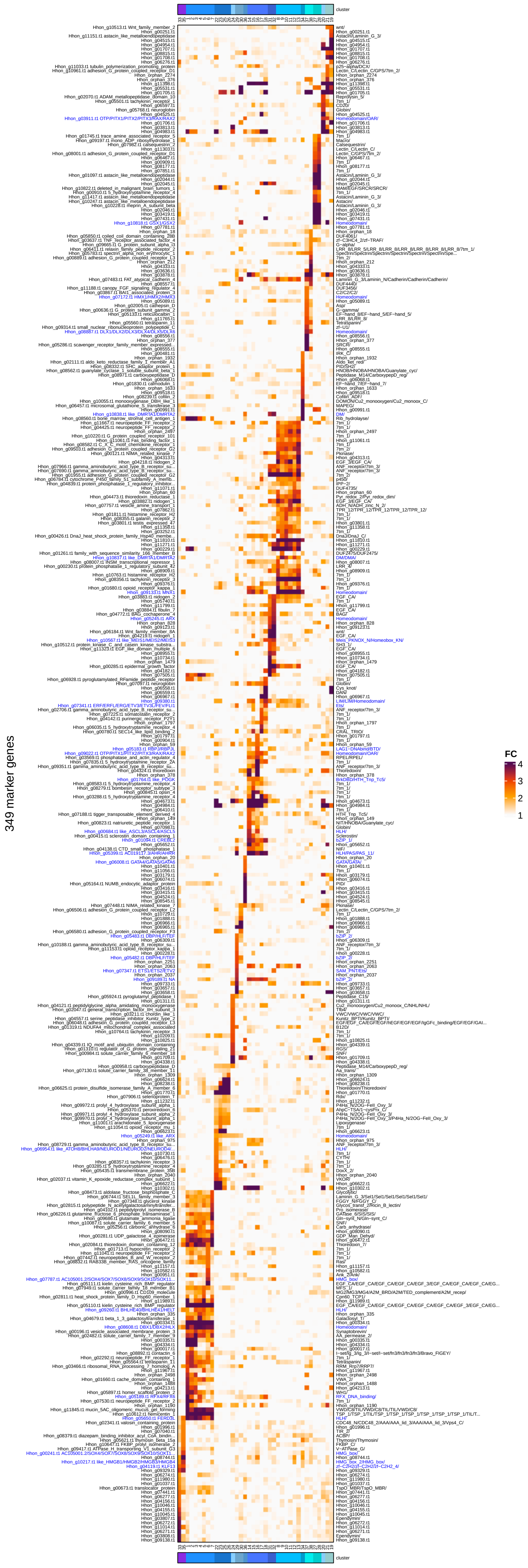38 metacells