

a



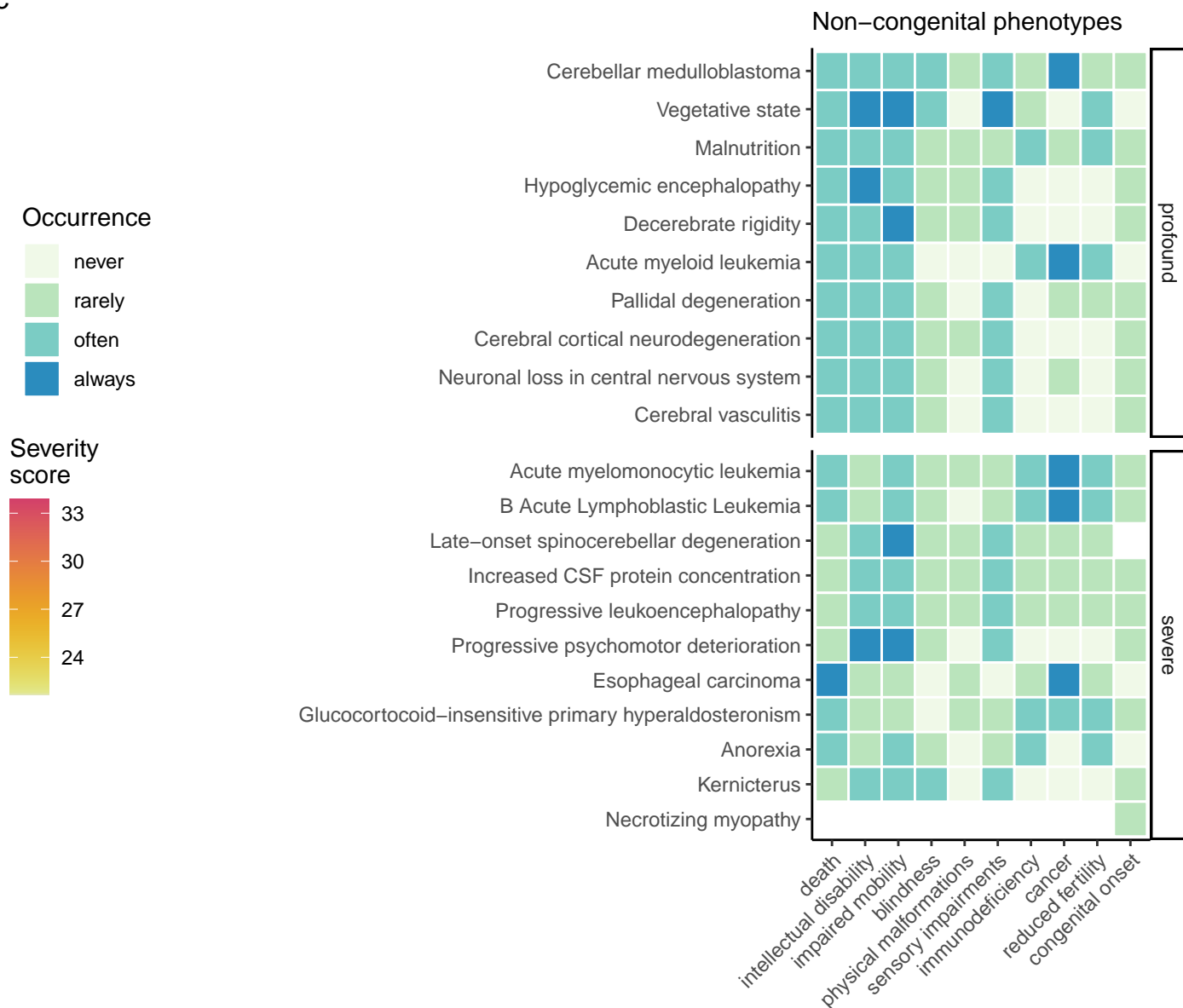
b



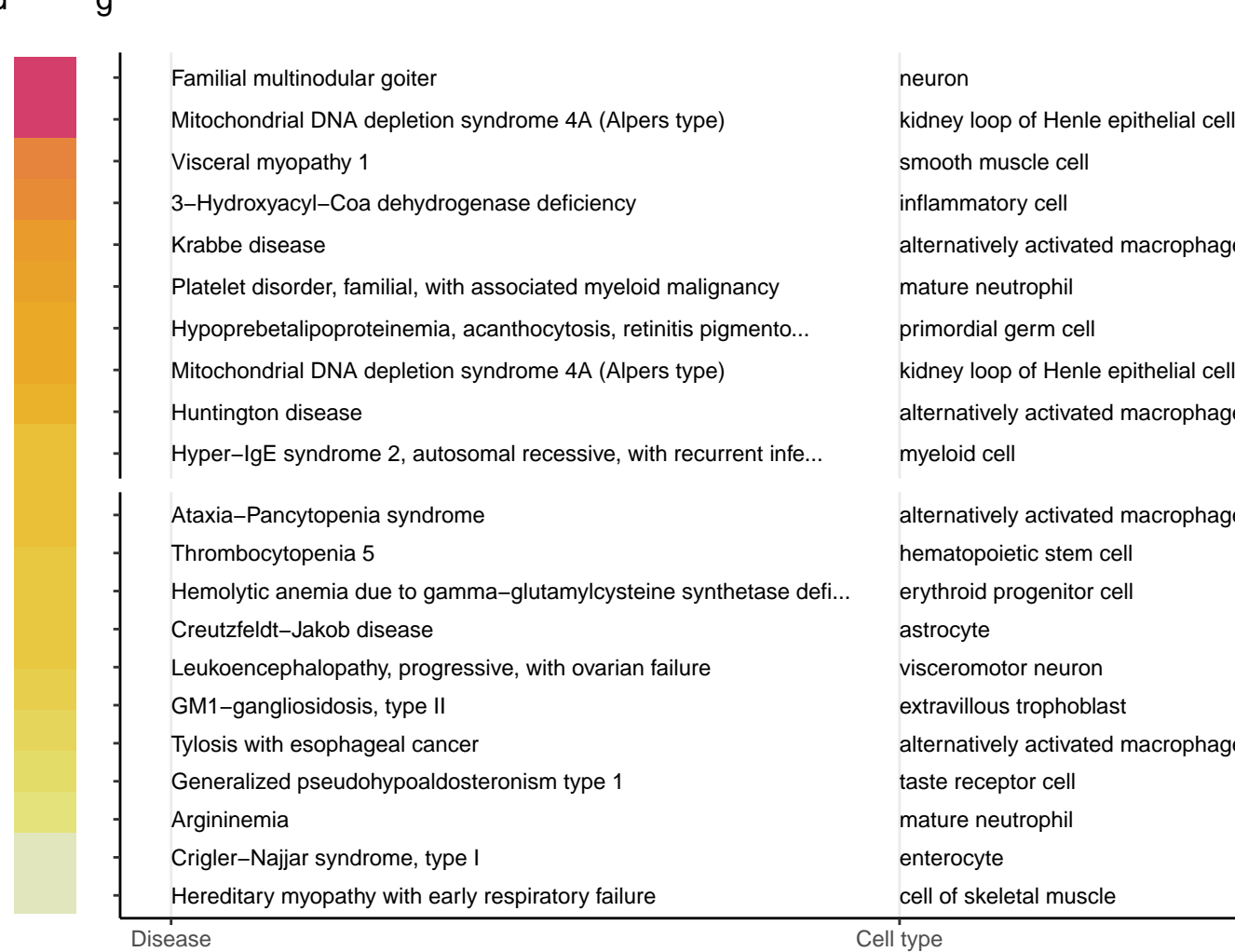
**f**

Orthologous genes					
GM2A	LOC713375	Gm2a	gm2a		
IFNGR1	IFNGR1	lfng1			
WRAP53	WRAP53	Wrap53	wrap53	WDR79	
ATXN1		Atxn1	atxn1a		
SERAC1	SERAC1	Serac1	serac1	CG10383	
UNC80	UNC80	Unc80	unc80	CG18437	
HEXB	HEXB	Hexb	hexa		hex-1
TSC2	TSC2	Tsc2	tsc2	gig	
TAT	TAT	Tat	tat	CG1461	tatn-1
NDUFA1		Ndufa1	ndufa1		
HBG1					
NGLY1	NGLY1	Ngly1	ngly1	Pngl	png-1
DNA2	DNA2	Dna2	dna2	CG2990	dna-2
SLC9A6	SLC9A6	Slc9a6	slc9a6a	Nhe3	nhx-5
AP1S1		Ap1s1	zgc:162858		
SACS	SACS		sacs		
CYBA	LOC696748	Cyba	cyba		
NFKBIA	NFKBIA	Nfkb1a		cact	
ABCD1	ABCD1	Abcd1	abcd1		
CYBA	LOC696748	Cyba	cyba		

**C**



d



## h

KEAP1		Keap1	keap1b	Keap1		
POLG	POLG	Polg	polg	tam		
ACTG2	ACTG2	Actg2	acta2	Act79B		
HADH	HADH	Hadh	hadh	CELE_C29E4.1		
GALC	GALC	Galc	galcb			
RUNX1	RUNX1	Runx1	runx1			
PANK2	LOC717639	Pank2	pank2			
POLG	POLG	Polg	polg	tam		
HTT		Htt	htt			
DOCK8	LOC698081	Dock8	dock8			
SAMD9L	LOC701572	Samd9l				
ETV6	ETV6	Etv6	etv6			
GCLC	GCLC	Gclc	gclc	Gclc	gcs-1	
PRNP	PRNP	Prnp				
AARS2	AARS2	Aars2	aars2			
GLB1	LOC709355	Glb1	glb1			
RHBDF2	RHBDF2	Rhbd2				
SCNN1A	SCNN1A	Scnn1a				
ARG1	ARG1	Arg1				
UGT1A1	UGT1A1	Ugt1a1			CG10178	
TTN	LOC703527	Ttn	ttna			
Homo sapiens	Macaca mulatta	Mus musculus	Danio rerio	Drosophila melanogaster	Caenorhabditis elegans	