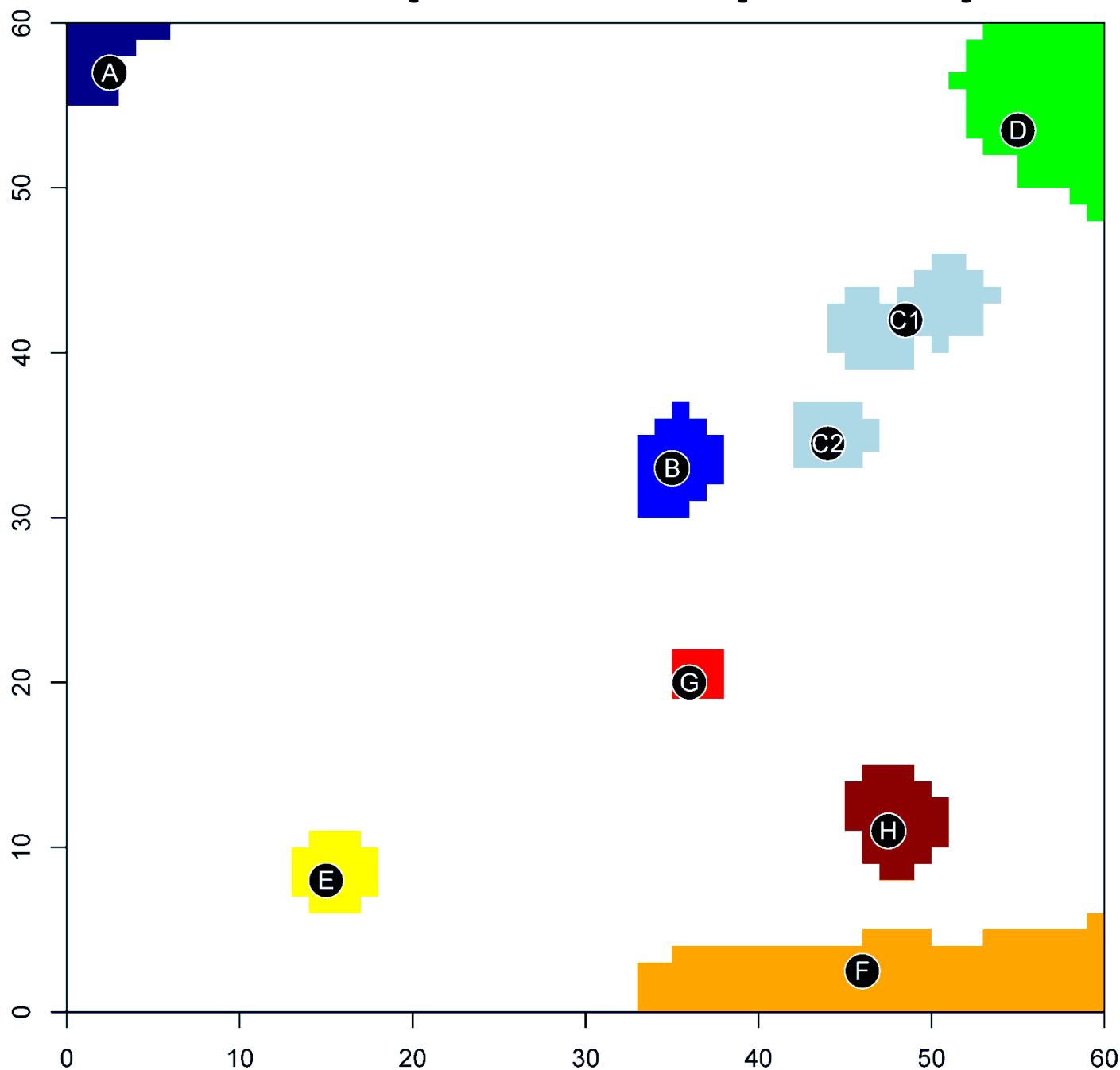
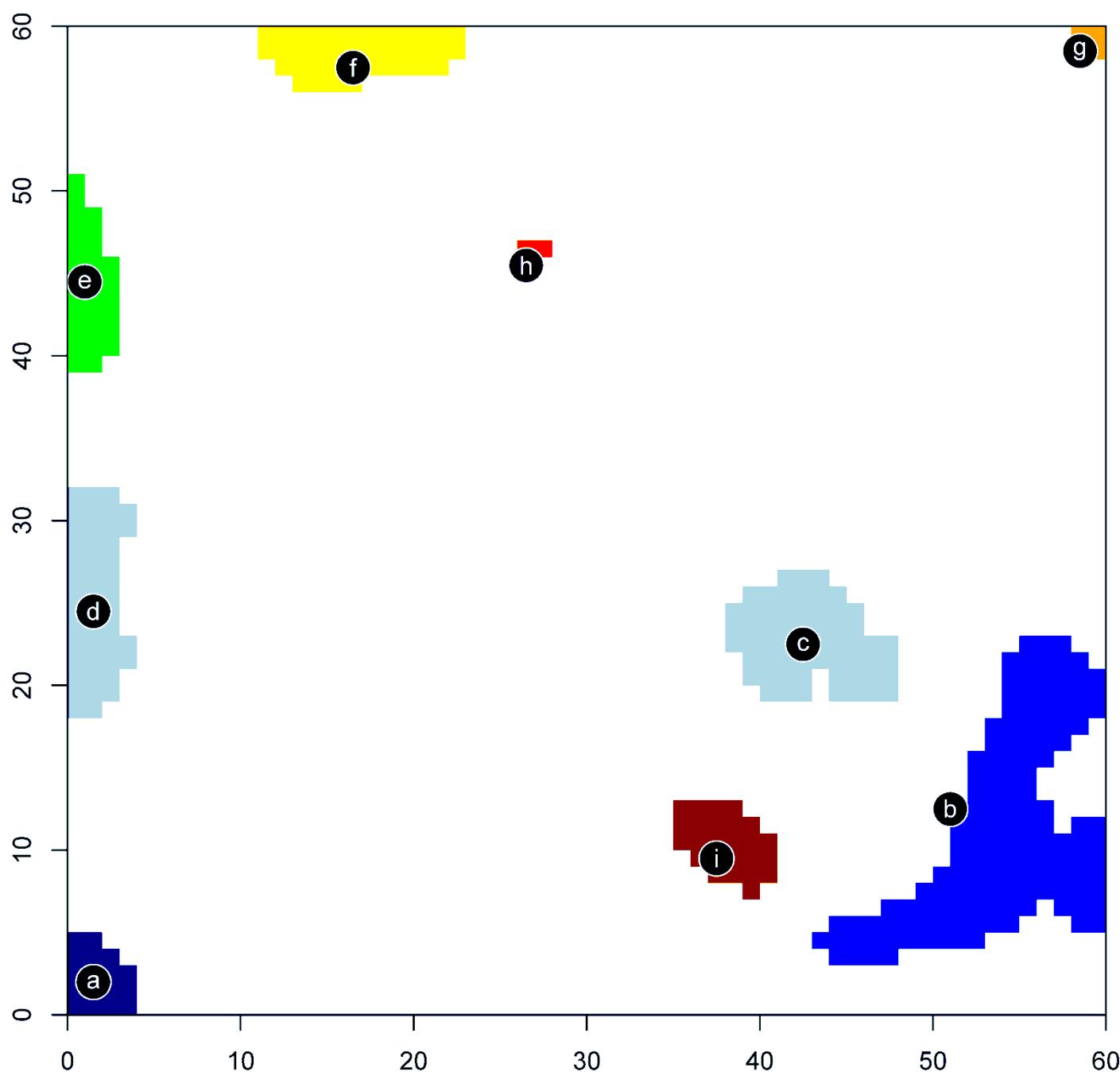


(a) Overexpression Spot Map



- A Nervous system samples**
Nervous system development
Synaptic transmission
- B Muscle samples**
Structural constituent of muscle
System process
- C1 Liver, kidney**
Carboxylic acid metabolic process
Organic acid metabolic process
- C2 Pancreas**
Carboxypeptidase activity
Carboxylesterase activity
- D Adipose tissue, Epithelium samples**
Tissue development
Ectoderm development
- E Testes**
Sexual reproduction
Reproduction
- F Immune system samples**
Immune system process
Immune response
- G Pituitary gland**
Hormone activity
DNA fragmentation during apoptosis
- H Bone marrow, Thymus**
Cell cycle process
Mitotic cell cycle

(b) Underexpression Spot Map



- a Adipose tissue, Epithelium samples**
Membrane fusion
Lysosomal transport
- b Nervous system samples**
Nucleus
Translation
- c Nervous system samples**
RNA metabolic process
Biopolymer metabolic process
- d unspecific**
Microtubule binding
Protein maturation
- e Epithelium, Digestion samples**
GTP binding
Guanyl nucleotide binding
- f Immune system samples**
Regulation of axonogenesis
Intercellular junction
- g Immune & nervous system samples**
Proteinaceous extracellular matrix
Extracellular matrix
- h unspecific**
Glucose catabolic process
Regulation of catabolic process
- i Nervous system samples**
ATP dependent RNA helicase activity
RNA dependent ATPase activity