Region	human MCH 1	Potential applications
liver	+++	Diabetes
kidney	+++	Hypertension, Electrolyte balance
lung	+++	Respiratory disorders, asthma
heart	+++	Cardiovascular indications
small intestine	+++	Gastrointestinal disorders
striated muscle	+++	Musculoskeletal disorders
pituitary	+++	Endocrine/neuroendocrine regulation
whole brain	+++	
amygdala	+++	Depression, phobias, anxiety, mood disorders
cerebral cortex	+++	Sensory and motor integration, cognition
hippocampus	+++	Cognition/memory
hypothalamus	+++	appetite/obesity, neuroendocrine regulation
spinal cord	+++	Analgesia, sensory modulation and transmission
cerebellum	+++	Motor coordination
thalamus	+++	sensory integration
substantia nigra	+++	Modulation of dopaminergic function. Modulation of motor coordination.
caudate-putamen	+++	Modulation of dopaminergic function
fetal brain	+++	Developmental disorders
fetal lung	+++	Developmental disorders