

Chemosensors (Taste)

Cilia exposed to outside

Amphids

ADF (2, head) 5,9
ASE (2, head) 6,7,9
ASG (2, head) 5,9, 21
ASH (2, head) 1,7, 8, 10, 13, 19, 22
ASI (2, head) 5, 9, 20, 21
ASJ (2, head) 5, 9, 21
ASK (2, head) 6, 9, 19, 20, 21
ADL (2, head) 10, 22

Inner labials

IL2 (6, head)

Phasmids 8

PHA (2, tail)
PHB (2, tail)

Odorsensors (Smell)

Cilia embedded in sheath

Amphids

AWA (2, head) 11, 21
AWB (2, head) 10
AWC (2, head) 11, 20, 21

Cilia exposed to outside

Amphids

ASH (2, head) 1,7, 8,10,13, 19, 22

Oxygen sensors

Cilia or cell body in pseudocoelomic cavity 22

AQR (1, head)
PQR (1, tail)
URX (2, head)

Unexposed ciliated endings in the lips

BAG (2, head) 3

Nociceptors (Pain)

Amphids

ASH (2, head) 1,7, 8,10,13, 19, 22

Osmoceptors

Amphids

ASH (2, head) 1,7, 8,10,13, 19, 22

Thermosensors

Cilia embedded in sheath

Amphids

AFD (2, head)

Possible sensory neurons with unknown modality

Unexposed endings (no cilia)

AUA (2, head)
URY (4, head)
URA (4, head)
URB (2, head)

Mechanosensors

Microtubule-filled dendrites (MT cells)

Bodywall 12

ALM (2, body)
AVM (1, body)
PLM (2, tail)
PVM (1, body)

Unexposed cilia ending in cuticle

Inner labials

IL1 (6, head) 3,13

Cephalic

CEP (4, head) 4

Outer labials

OLQ (4, head) 3,13
OLL (2, head) 3,17

Anterior and Posterior deirids

ADE (2, head) 4
PDE (2, body) 4

Cilia exposed to outside

Amphids

ASH (2, head) 1,7, 8,10,13, 19, 22

Extensively branched

FLP (2, head) 13, 23
PVD (2, body)

Proprioceptors 18

Putative stretch-sensitive processes

Somatic-bodywall

FLP (2, head) 13
PVD (2, body) 14
DVA (1, tail)
PVC (2, tail) 14
ALN (2, tail) 16, 22
PLN (2, tail) 16, 22
VA 15
VB 15
DA 15
DB 15

Head

SMB (4, head) 15
SMD (4, head) 15
SAA (4, head) 15

Tail tip 16

AVG (1, head)
PDB (1, tail)
PHC (2, tail) 3
PVR (1, tail)
ALN (2, tail)
PLN (2, tail)
PLM (2, tail)

Pharynx 2

I1 (2, head)
I2 (2, head)
I3 (1, head)
I5 (1, head)
I6 (1, head)
MC (1, head)
M3 (2, head)
NSM (1, head)