

List of Abbreviations

Morphological term

A: anterior

α : α -lobe of the mushroom body

AC: anterior cell cluster of the antennal lobe

ACT: antenno-cerebral tract

AL: antennal lobe

β : β -lobe of the mushroom body

Ca: calyces of the mushroom body

CB: central body

CF: centrifugal neuron

CFC: center fiber core

D: dorsal

DNs: descending interneurons

dLAL: dorso-lateral lateral accessory lobe

γ : γ -lobe of the mushroom body

IAC: inner antenno-cerebral tract

IAC-a: inner antenno-cerebral tract a

IAC-b: inner antenno-cerebral tract b

L: lateral

LAL: lateral accessory lobe

LAL-BLs: lateral accessory lobe bilateral neurons

LALC: commissure of lateral accessory lobe

LAL-DNs: LAL descending interneurons

LAL-VPC LNs: lateral accessory lobe, ventral protocerebrum linked interneurons

LPC: lateral protocerebrum

LC: lateral cell cluster of the antennal lobe

LN: local interneuron

LNs: local interneurons

IVPC: lateral ventrolateral protocerebrum

M: medial

MACT: middle antenno-cerebral tract

MC: medial cell cluster of the antennal lobe

MGC: macroglomerular complex

mVPC: medial ventrolateral protocerebrum
mVPCa: medial ventrolateral protocerebrum anterior region
OACT: outer antenno-cerebral tract
Oe: oesophagus
OG: ordinary glomerulus
OGs: ordinary glomeruli
P: posterior
PB: protocerebral bridge
PC: protocerebrum
Pe: Peduncle of the mushroom body
PN: projection neuron
PNs: projection neurons
sILPC: superior-lateral lateral protocerebrum
SOG: suboesophageal ganglion
V: ventral
vmLAL: ventro-medial lateral accessory lobe
VPC: ventrolateral protocerebrum
Y: Y-lobe of the mushroom body

Physiological term

BE: brief excitation
BI: brief inhibition
LLE: long-lasting excitation
LLI: long-lasting inhibition
NR: not response

Technical term

FMRFamide: Phe-Met-Arg-Phe-NH₂
GABA: γ -aminobutyric acid
LY: Lucifer yellow
PBS: 0.1 M phosphate buffered saline solution
PBSX: 0.1 M phosphate buffered saline solution containing 0,5% Triton X-100
SMB: sodium metabisulfite
Tris-HCl SMBX: Tris-HCl sodium metabisulfite containing 0,5% Triton