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- NP::neural plate
  - F::forebrain
    - SP::secondary prosencephalon
      - RSP::rostral secondary prosencephalon
        - POTel::preoptic (impar) telencephalon
          - POR::preoptic roof plate
            - RSCom::rostral septocommissural area
              - RSComv::ventricular zone of RSCom
                - ACBed::anterior commissure bed
              - RSComm::mantle zone of RSCom
                - MnPOC::median preoptic nucleus, commissural part
          - POA::preoptic alar plate
            - LTer::lamina terminalis area
              - LTerv::ventricular zone of LTer
              - LTerm::mantle zone of LTer
                - LTerp::periventricular stratum of the LTer
                - VOLT::vascular organ of the lamina terminalis
                - LTeri::intermediate stratum of the LTer
                - MnPOI::median preoptic nucleus, intermediate part
                - LTers::superficial stratum of the LTer
                - MnPOS::median preoptic nucleus, superficial part
            - PO::preoptic area
              - PO1::first preoptic domain
                - PO1v::ventricular zone of PO1
                - PO1m::mantle zone of PO1
                - PO1p::periventricular stratum of PO1
                - AVPe::anteroventral periventricular preoptic nucleus
                - RSPO::rostral septopreoptic nucleus
                - PO1i::intermediate stratum of PO1
                - DMPAi::dorsomedial preoptic area, intermediate part
                - AIPO::alar preoptic nucleus
                - PO1s::superficial stratum of PO1
                - DMPAs::dorsomedial preoptic area, superficial part
              - PO2::second preoptic domain
                - PO2v::ventricular zone of PO2
                - PO2m::mantle zone of PO2
                - PO2p::periventricular stratum of PO2
                - MPOPe::medial preoptic periventricular stratum
                - MPO::medial preoptic nucleus
                - MPOL::lateral part of MPO
                - MPOM::medial part of MPO
                - MPOC::central part of MPO
                - PO2i::intermediate stratum of PO2
                - LPO::lateral preoptic nucleus
                - PO2s::superficial stratum of PO2
                - VLPO::ventrolateral preoptic nucleus
            - POH::preopto-hypothalamic band
              - POHv::ventricular zone of POH
              - POHm::mantle zone of POH
                - POHp::periventricular stratum of POH
                - VMPO::ventromedial preoptic nucleus
                - POHi::intermediate stratum of POH
                - POHA::preopto-hypothalamic area
                - POHs::superficial stratum of POH
                - ESO::episupraoptic nucleus
                - VLH::ventrolateral hypothalamic nucleus
        - PPHy::prepeduncular hypothalamus
          - PPHyA::prepeduncular alar hypothalamus
            - RPaA::rostral paraventricular area of alar hypothalamus
              - RPaAv::ventricular zone of RPaA
              - RPaAm::mantle zone of RPaA
                - RPaAp::periventricular stratum of RPaA
                - RPa::rostral paraventricular nucleus
                - RPaAi::intermediate stratum of RPaA
                - LA::lateroanterior hypothalamic nucleus
                - RPaAs::superficial stratum of RPaA
                - RSO::rostral supraoptic nucleus
                - ASO::accessory supraoptic nucleus
            - ES::eye vesicle, stalk/nerve
              - EPg::eye vesicle, pigmented retina
              - EN::eye vesicle, neural retina
              - ENv::ventricular zone of neural retina
              - ENm::mantle zone of neural retina
                - ENp::periventricular stratum of the retina
                - ON::outer nuclear layer (photoreceptor layer)
                - OPL::outer plexiform layer
                - ENi::inner nuclear stratum of the retina
                - Hor::horizontal cell layer
                - Bi::bipolar cell layer
                - Mu::Muller cell layer
                - Acr::amacrine cell layer
                - IPL::inner plexiform layer
                - ENs::superficial stratum of the retina
                - GCL::ganglion cell layer
                - GC::ganglion cells
                - IAcr::inverted amacrine cells
                - OF::optic fiber layer
            - RSPa::rostral subparaventricular area
              - RSPav::ventricular zone of RSPa
              - RSPam::mantle zone of RSPa
                - RSPap::periventricular stratum of RSPa
                - SCHp::suprachiasmatic nucleus, periventricular part
                - RSPai::intermediate stratum of RSPa
                - SCHi::suprachiasmatic nucleus, intermediate part
                - AHA::anterior hypothalamic area, anterior part
                - AHC::anterior hypothalamic area, compact part
                - RSPas::superficial stratum of RSPa
                - TC::tuber cinereum area
          - PPHyB::prepeduncular (rostral) basal hypothalamus
            - RHyB-D::dorsal part of RHyB
              - RHyB-Dv::ventricular zone of RHyB-D
              - RHyB-Dm::mantle zone of RHyB-D
                - RHyB-Dp::periventricular stratum of RHyB-D
                - ABasp::periventricular part of the anterobasal nucleus
                - RHyB-Di::intermediate stratum of RHyB-D
                - ABasi::intermediate part of the anterobasal nucleus
                - RHyB-Ds::superficial stratum of RHyB-D
                - ABass::superficial part of the anterobasal nucleus
            - RHyB-I::intermediate part of RFB
              - RHyB-Iv::ventricular zone of RHyB-I
              - RHyB-Im::mantle zone of RHyB-I
                - RHyB-Ip::periventricular stratum of RHyB-I
                - VMHp::periventricular part of VMH
                - RHyB-Ii::intermediate stratum of RHyB-I
                - VMH::ventromedial hypothalamic nucleus, main part
                - RHyB-Is::superficial stratum of RHyB-I
                - TuLH::tuberal lateral hypothalamic area
            - RHyB-V::ventral part of RHyB
              - RHyB-Vv::ventricular zone of RHyB-V
              - RHyB-Vm::mantle zone of RHyB-V
                - RHyB-Vp::periventricular stratum of RHyB-V
                - Arcp::periventricular part of the arcuate nucleus
                - RHyB-Vi::intermediate stratum of RHyB-V
                - Arci::intermediate part of the arcuate nucleus
                - RHyB-Vs::superficial stratum of RHyB-V
                - Arcs::superficial part of the arcuate nucleus

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- RHyB-P::perimammillary part of RHyB
  - RHyB-Pv::ventricular zone of RHyB-P
    - PeMVO::perimammillary circumventricular organ
  - RHyB-Pm::mantle zone of RHyB-P
    - RHyB-Pp::periventricular stratum of RHyB-P
      - TMp::tuberomammillary nucleus, periventricular part (E4)
    - RHyB-Pi::intermediate stratum of RHyB-P
      - RPeM::rostral perimammillary nucleus
      - TMi::tuberomammillary nucleus, intermediate part (E3i_ E5)
    - RHyB-Ps::superficial stratum of RHyB-P
      - TMs::tuberomammillary nucleus, superficial part (E3s_ E2)
- RHyB-M::mammillary part of RHyB
  - RHyB-Mv::ventricular zone of RHyB-M
  - RHyB-Mm::mantle zone of RHyB-M
    - RHyB-Mp::periventricular stratum of RHyB-M
      - MMn::median mammillary nucleus
    - RHyB-Mi::intermediate stratum of RHyB-M
      - MM::medial mammillary nucleus
    - RHyB-Ms::superficial stratum of RHyB-M
      - TMc::tuberomammillary nucleus, caudal or mammillary part (E1)
- PPHyF::prepeduncular hypothalamic floor
  - ME::median eminence
  - TubF::tuberal floor
    - Inf::infundibulum
    - NHy::neurohypophysis
  - MamF::mammillary floor
- CSP::caudal secondary prosencephalon
  - Tel::telencephalic vesicle
    - TelR::roof plate of evaginated telencephalic vesicle
      - CSCom::caudal septocommissural area
        - CSComv::ventricular zone of CSCom
          - SubFOcv::subfornical organ, circumventricular specialization
        - CSC0mm::mantle zone of CSCom
          - CSComp::periventricular stratum of CSCom
            - SubFOp::subfornical organ, periventricular (neuronal) portion
          - CSComi::intermediate stratum of CSCom
            - TrSe::triangular septal nucleus
          - CSComs::superficial stratum of CSCom
      - TCh::telencephalic choroidal tissue
    - TelA::alar plate of evaginated telencephalic vesicle
      - SPall::subpallium
        - SeSPall::telencephalic subpallial septum
          - DBSe::diagonal band part of septum
            - DBSev::ventricular zone of DBSe
            - DBSem::mantle zone of DBSe
              - DBSep::periventricular stratum of DBSe
                - LSV::lateral septal nucleus, ventral part
              - DBSei::intermediate stratum of DBSe
                - LSIV::lateral septal nucleus, intermedio-ventral part
                - SHy::septohypothalamic nucleus
              - DBSes::superficial stratum of DBSe
                - VDB::vertical nucleus of the diagonal band
          - PalSe::pallidal septum
            - PalSev::ventricular zone of PalSe
            - PalSem::mantle zone of PalSe
              - PalSep::periventricular stratum of PalSe
                - LSIp::lateral septal nucleus, intermediate part_ periventricular
              - PalSei::intermediate stratum of PalSe
                - LSII::lateral septal nucleus, intermedio-intermediate part
                - Ld::lambdoid septal zone
              - PalSes::superficial stratum of PalSe
                - MS::medial septal nucleus
          - StrSe::striatal septum
            - StrSev::ventricular zone of StrSe
            - StrSem::mantle zone of StrSe
              - StrSep::periventricular part of StrSe
                - LSD::lateral septal nucleus, dorsal part
              - StrSei::intermediate part of StrSe
                - LSID::lateral septal nucleus, intermedio-dorsal part
                - SFi::septofimbrial nucleus
              - StrSes::superficial part of StrSe
        - TSPall::transitional (paraseptal) subpallium
          - SeDB::septodiagonal transition area
            - SeDBv::ventricular zone of SeDB
            - SeDBm::mantle zone of SeDB
              - SeDBp::periventricular stratum of SeDB
                - STMV::nucleus of the stria terminalis, medial division_ ventral part
                - STLI::nucleus of the stria terminalis, lateral division_ intermediate part
              - SeDBi::intermediate stratum of SeDB
                - SIBT::substantia innominata/basal nucleus, transitional part
                - BAC::bed nucleus of the anterior commissure
              - SeDBs::superficial stratum of SeDB
                - HDBT::horizontal diagonal band nucleus, transitional part
          - SePal::septopallidal area
            - SePalv::ventricular zone of SePal
            - SePalm::mantle zone of SePal
              - SePalp::periventricular stratum of SePal
                - STMA::nucleus of the stria terminalis, medial division_ anterior part
              - SePali::intermediate stratum of SePal
                - SePalCo::septopallidal core nucleus
              - SePals::superficial stratum of SePal
                - TuSePal::septopallidal part of the olfactory tuberculum
                - ICjM::island of Calleja major
          - SeStr::septostriatal transition area
            - SeStrv::ventricular zone of SeStr
            - SeStrm::mantle zone of SeStr
              - SeStrp::periventricular stratum of SeStr
                - AcbCo::accumbens nucleus, core domain
              - SeStri::intermediate stratum of SeStr
                - AcbSh::accumbens nucleus, shell domain
              - SeStrs::superficial stratum of SeStr
                - TuSeStr::septostriatal part of the olfactory tuberculum
        - CSPall::central subpallium
          - DB::diagonal band area
            - DBv::ventricular zone of DB
            - DBm::mantle zone of DB
              - DBp::periventricular stratum of DB
                - STM::nucleus of the stria terminalis, medial division
                - STMPM::posteromedial part of STM
                - STMPI::posterointermediate part of STM
                - STMPL::posterolateral part of STM
                - EA::extended amygdala
              - DBi::intermediate stratum of DB
                - SIB::substantia innominata/basal nucleus (main part)
              - DBs::superficial stratum of DB
                - HDB::horizontal diagonal band nucleus (main part)
                - MCDB::magnocellular diagonal band nucleus
          - Pal::pallidum
            - Palv::ventricular zone of Pal
            - Palm::mantle zone of Pal
              - Palp::periventricular stratum of Pal
                - STL::nucleus of the stria terminalis, lateral division
                - STLP::posterior part of STL
                - STLJ::juxtacapsular part of STL
                - STLD::dorsal part of STL
              - Pali::intermediate stratum of Pal
                - GPal::globus pallidum
                - VPal::ventral pallidum
              - Pals::superficial stratum of Pal
                - TuPal::pallidal part of olfactory tuberculum
                - ICjPal::pallidal islands of Calleja

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- Str::striatum
  - Strv::ventricular zone of Str
  - Strm::mantle zone of Str
  - Strp::periventricular stratum of Str
    - Cau::caudate nucleus
  - Stri::intermediate stratum of Str
    - Put::putamen
    - VStr::ventral striatum
    - IPAC::interstitial nucleus of the posterior limb of the anterior commissure
    - LSS::laterostriatal stripe
  - Strs::superficial stratum of Str
    - TuStr::striatal part of olfactory tuberculum
    - ICjStr::striatal islands of Calleja
- ASPall::subpallial amygdala
  - APal::pallidal amygdala
    - APalv::ventricular zone of AmPal
    - APalm::mantle zone of AmPal
    - APalp::periventricular stratum of AmPal
      - STIA::nucleus of stria terminalis, intra-amygdaloid part
    - APali::intermediate stratum of AmPal
      - CeAM::central amygdaloid nucleus, medial part
    - APals::superficial stratum of AmPal
      - AAM::anterior amygdaloid area, medial part
  - AStr::striatal amygdala
    - AStrv::ventricular zone of AStr
    - AStrm::mantle zone of AStr
    - AStrp::periventricular stratum of AStr
      - ASt::amygdalostriatal transition
    - AStri::intermediate stratum of AStr
      - CeAL::central amygdalar nucleus, lateral part
      - CeAC::central amygdalar nucleus, capsular part
      - IA::intercalated amygdaloid nuclei
    - AStrs::superficial stratum of AStr
      - AAL::anterior amygdaloid area, lateral part
- Pall::pallium
  - VPall::ventral pallium
    - OB::olfactory bulb, principal
      - OBv::ventricular zone of OB
      - OBm::mantle zone of OB
      - OBp::periventricular stratum of OB
        - OB-GrL::olfactory bulb granular layer
        - OB-IPIL::olfactory bulb inner plexiform layer
      - OBi::intermediate stratum of OB
        - OB-MtrL::olfactory bulb mitral cell layer
        - OB-OPIL::olfactory bulb outer plexiform layer
      - OBs::superficial stratum of OB
        - OB-GlomL::olfactory bulb glomerular layer
        - OB-OFL::olfactory bulb olfactory fiber layer
    - AOB::accessory olfactory bulb
      - AOBv::ventricular zone of AOB
      - AOBm::mantle zone of AOB
      - AOBp::periventricular stratum of AOB
        - AGrL::accessory granular layer
        - AIPIL::accessory internal plexiform layer
      - AOBi::intermediate stratum pf AOB
        - AMtrL::accessory mitral cell layer
        - AOPIL::accessory outer plexiform layer
      - AOBs::superficial stratum of AOB
        - AGlomL::accessory glomerular layer
        - AOFL::accessory olfactory fiber layer
    - AOV::anterior olfactory area, ventral part
      - AOVv::ventricular zone of AOV
      - AOVm::mantle zone of AOV
      - AOVp::periventricular stratum of AOV
      - AOVi::intermediate stratum of AOV
      - AOVs::superficial stratum of AOV
        - AOV1::layer 1 of AOV cortex
        - AOV2::layer 2 of AOV cortex
        - AOV3::layer 3 of AOV cortex
        - Nv::navicular nucleus
    - VPrP::ventropallial prepiriform area
      - VPrPv::ventricular zone of VPrP
      - VPrPm::mantle zone of VPrP
      - VPrPp::periventricular stratum of VPrP
      - VPrPi::intermediate stratum of VPrP
        - BEC::bed nucleus of the external capsule
        - VEn::ventral endopiriform nucleus
        - IEn::intermediate endopiriform nucleus
      - VPrPs::superficial stratum of VPrP
        - VPrP1::layer 1 of VPrP cortex
        - VPeP2::layer 2 of VPrP cortex
        - VPrP3::layer 3 of VPrP cortex
    - VAP::ventropallial amygdalopiriform area
      - VAPv::ventricular zone of the VAP
      - VAPm::mantle zone of VAP
      - VAPp::periventricular stratum of the VAP
        - La::lateral amygdaloid nucleus
        - AHi::amygdalohippocampal area
      - VAPi::intermediate stratum of the VAP
        - APir::amygdalopiriform area
        - BMA::basomedial amygdaloid nucleus, anterior part
        - BMP::basomedial amygdaloid nucleus, posterior part
        - BLP::basolateral amygdaloid nucleus, posterior part
      - VAPs::superficial stratum of the VAP
        - ACo::anterior cortical amygdaloid area
        - PMCoA::posteromedial cortical amygdaloid area
        - LOT::nucleus of the lateral olfactory tract
          - LOT3::layer 3 of LOT
          - LOT2::layer 2 of LOT
          - LOT1::layer 1 of LOT
        - NAOT::nucleus of the accessory olfactory tract
  - LPall::lateral pallium
    - AOD::anterior olfactory area, dorsal part
      - AODv::ventricular zone of AOD
      - AODm::mantle zone of AOD
      - AODp::periventricular stratum of AOD
      - AODi::intermediate stratum of AOD
      - AODs::superficial stratum of AOD
        - AOD1::layer 1 of AOD cortex
        - AOD2::layer 2 of AOD cortex
        - AOD3::layer 3 of AOD cortex
    - DPrP::dorsal prepiriform area
      - DPrPv::ventricular zone of DPrP
      - DPrPm::mantle zone of DPrP
      - DPrPp::periventricular strum of DPrP
      - DPrPi::intermediate stratum of DPrP
        - CI::claustrum
        - DEn::dorsal endopiriform nucleus
      - DPrPs::superficial stratum of DPrP
        - DPrP1::layer 1 of DPrP cortex
        - DPrP2::layer 2 of DPrP cortex
        - DPrP3::layer 3 of DPrP cortex
    - LAP::lateropallial amygdalopiriform area
      - LAPv::ventricular zone of LAP
      - LAPm::mantle zone of LAP
      - LAPp::periventricular stratum of LAP
      - LAPi::intermediate stratum of LAP
        - BLA::basolateral amygdaloid nucleus, anterior part
      - LAPs::superficial stratum of LAP
        - PLCoA::posterolateral cortical amygdaloid area

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- DPall::dorsal pallium/isocortex
  - OFCx::orbitofrontal cortex
  - PCx::parietal cortex
  - OCx::occipital cortex
  - TCx::temporal cortex
  - InsCx::insular cortex
  - CCx::cingulate cortex
  - PHiCx::parahippocampal cortex
  - ERh::entorhinal cortex
- MPall::medial pallium
  - DG::dentate gyrus
    - DGv::ventricular zone of DG
    - DGm::mantle zone of DG
      - DGp::periventricular stratum of DG
      - DGi::intermediate stratum of DG
        - DGHil::hilus of the DG
      - DGs::superficial stratum of DG
        - DGGran::granule cell layer of the DG
  - CA::hippocampus (cortex Ammonis)
    - CAv::ventricular zone of CA
    - CAm::mantle zone of CA
      - CAp::periventricular stratum of CA
      - CAi::intermediate stratum of CA
        - Alv::alveus
      - CAs::superficial stratum of CA
        - CACx::hippocampal cortex
          - CA1::field 1 of CA
          - CA2::field 2 of CA
          - CA3::field 3 of CA
        - Lac-mol::stratum lacunosum-moleculare
  - IG::induseum griseum (supracommissural hippocampus)
    - IGv::ventricular zone of the IG
    - IGm::mantle zone of the IG
      - IGp::periventricular stratum of the IG
      - IGi::intermediate stratum of the IG
      - IGs::superficial stratum of the IG
  - TTe::area of taenia tecta (precommissural hippocampus)
    - TTev::ventricular zone of TTe
    - TTem::mantle zone of TTe
      - TTep::periventricular stratum of TTe
        - DPp::dorsal peduncular cortex, periventricular part
      - TTei::intermediate stratum of TTe
        - DPi::dorsal peduncular cortex, intermediate part
      - TTes::superficial stratum of TTe
        - TT::taenia tecta
          - VTT::ventral taenia tecta
          - DTT::dorsal taenia tecta
  - Sub::subiculum
    - Subv::ventricular zone of Sub
    - Subm::mantle zone of Sub
      - Subp::periventricular stratum of Sub
      - Subi::intermediate stratum of Sub
      - Subs::superficial stratum of Sub
        - SubCx::subicular cortex
  - PrS::presubiculum
    - PrSv::ventricular zone of PrS
    - PrSm::mantle zone of the PrS
      - PrSp::periventricular stratum of PrS
      - PrSi::intermediate stratum of PrS
      - PrSs::superficial stratum of PrS
        - PrSCx::presubicular cortex
  - PaS::parasubiculum
    - PaSv::ventricular zone of PaS
    - PaSm::mantle zone of PaS
      - PaSp::periventricular stratum of PaS
      - PaSi::intermediate stratum of PaS
      - PaSs::superficial stratum of PaS
        - PaSCx::parasubicular cortex
  - PallSe::pallial septum
    - PallSev::ventricular zone of PallSe
    - PallSem::mantle zone of PallSe
      - PallSep::periventricular stratum of PallSe
      - PallSei::intermediate stratum of PallSe
      - PallSes::superficial stratum of PallSe
        - SHi::septohippocampal nucleus
- TOH::tel-hypothalamic transition area
  - TOHv::ventricular zone of TOH
  - TOHm::mantle zone of TOH
    - TOHp::periventricular stratum of TOH
    - TOHi::intermediate stratum of TOH
    - TOHs::superficial stratum of TOH
- PedHy::peduncular hypothalamus
  - PHyA::peduncular alar hypothalamus
    - CPa::caudal paraventricular area of alar hypothalamus
      - CPav::ventricular zone of CPa
      - CPam::mantle zone of CPa
        - CPap::periventricular stratum of CPa
          - Pa::paraventricular nucleus, principal part
            - PaAP::anterior parvicellular part of Pa (lies dorsally)
            - PaDC::dorsal cap of Pa (lies caudally)
            - PaLM::lateral magnocellular part of Pa
            - PaMM::medial magnocellular part of Pa
            - PaMP::medial parvicellular part of Pa
            - PaPo::posterior part of Pa (lies ventrally)
            - PaV::ventral part of Pa (lies rostrally)
        - CPai::intermediate stratum of CPa
          - DPeF::dorsal perifornical nucleus
        - CPas::superficial stratum of CPa
          - MCPO::magnocellular preoptic nucleus
          - EPD::dorsal entopeduncular nucleus
          - CSO::caudal supraoptic nucleus
    - CSPa::caudal subparaventricular area
      - CSPav::ventricular zone of CSPa
      - CSPam::mantle zone of CSPa
        - CSPap::periventricular stratum of CSPa
          - AHP::posterior part of the anterior hypothalamic area
          - Stg::stigmoid nucleus
        - CSPai::intermediate stratum of CSPa
          - PreIn::preincertal area
          - LH-CSPa::lateral hypothalamus part of CSPa
        - CSPas::superficial stratum of CSPa
          - EPV::ventral entopeduncular nucleus
  - PHyB::peduncular basal hypothalamus
    - PHyB-D::dorsal part of PHyB
      - PHyB-Dv::ventricular zone of PHyB-D
      - PHyB-Dm::mantle zone of PHyB-D
        - PHyB-Dp::periventricular stratum of PHyB-D
          - PHD::posterior hypothalamic area, dorsal part
        - PHyB-Di::intermediate stratum of PHyB-D
          - LH-PHYB-D::lateral hypothalamus part of PHyB-D
        - PHyB-Ds::superficial stratum of PHyB-D
          - PTe::paraterete nucleus
    - PHyB-I::intermediate part of PHyB
      - PHyB-Iv::ventricular zone of PHyB-I
      - PHyB-Im::mantle zone of PHyB-I
        - PHyB-Ip::periventricular stratum of PHyB-I
          - PHI::posterior hypothalamic area, intermediate part
          - DMH::dorsomedial hypothalamic nucleus
        - PHyB-Ii::intermediate stratum of PHyB-I
          - IPeF::intermediate perifornical nucleus
          - LH-PHyB-I::lateral hypothalamus part of PHyB-I
        - PHyB-Is::superficial stratum of PHyB-I
          - MCLH::magnocellular nucleus of lateral hypothalamus

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- PHyB-V::ventral part of PHyB
  - PHyB-Vv::ventricular zone of PHyB-V
  - PHyB-Vm::mantle zone of PHyB-V
  - PHyB-Vp::periventricular stratum of PHyB-V
    - PHV::posterior hypothalamic area, ventral part
  - PHyB-Vi::intermediate stratum of PHyB-V
    - LH-PHyB-V::lateral hypothalamus part of PHyB-V
    - VPeF::ventral perifornical nucleus
    - Gen::genual peduncular nucleus
  - PHyB-Vs::superficial stratum of PHyB-V
    - Te::terete nucleus
- PHyB-P::perimammillary part of PHyB
  - PHyB-Pv::ventricular zone of PHyB-P
  - PHyB-Pm::mantle zone of PHyB-P
  - PHyB-Pp::periventricular stratum of PHyB-P
    - PeRMVO::periretromammillary circumventricular organ
  - PHyB-Pi::intermediate stratum of PHyB-P
    - CPeM::caudal perimammillary nucleus (old DPM)
    - LH-PHyB-P::lateral hypothalamus part of PHyB-P
  - PHyB-Ps::superficial stratum of PHyB-P
    - STh::subthalamic nucleus
- PHyB-M::mammillary part of PHyB
  - PHyB-Mv::ventricular zone of PHyB-M
  - PHyB-Mm::mantle zone of PHyB-M
  - PHyB-Mp::periventricular stratum of PHyB-M
    - SMT::submammillothalamic nucleus
  - PHyB-Mi::intermediate stratum of PHyB-M
    - PSTh::parasubthalamic nucleus
  - PHyB-Ms::superficial stratum of PHyB-M
    - LM::lateral mammillary nucleus
- PHyF::peduncular part of HyF
- RMam::retromammillary area
  - RMamv::ventricular zone of RMam
  - RMamm::mantle zone of RMam
  - RMamp::periventricular stratum of PMam
    - RMM::retromammillary area, medial part
  - RMami::intermediate stratum of PMam
    - RML::retromammillary area, lateral part
  - RMams::superficial stratum of PMam
    - RMS::retromammillary area, superficial part
- D::diencephalon
  - p3::prosomere 3
    - PTh::prethalamus
      - p3R::roof plate of p3
        - p3Ch::choroidal tissue of p3
      - p3A::alar plate of p3 (alar prethalamus)
        - p3AD::dorsal part of alar p3
          - PThE::prethalamic eminence
            - PThEv::ventricular zone of PThE
            - PThEm::mantle zone of PThE
            - PThEp::periventricular stratum of PThE
            - PThEi::intermediate stratum of PThE
              - SM::nucleus of the stria medullaris
            - PThEs::superficial stratum of PThE
              - sm::stria medullaris tract
        - p3AL::lateral part of alar p3
          - p3ALR::rostral part of p3AL
            - p3ALRv::ventricular zone of p3ALR
            - p3ALRm::mantle zone of p3ALR
            - p3ALRp::periventricular stratum of p3ARL
              - ZIMR::rostral part of magnocellular zona incerta
            - p3ALRi::intermediate stratum of p3ARL
              - Rt::reticular nucleus
            - p3ALRs::superficial stratum of p3ARL
              - SubG::subgeniculate nucleus
              - DPP::dorsal peripeduncular nucleus
          - p3ALC::caudal part of p3AL
            - p3ALCv::ventricular zone of p3ALC
            - p3ALCm::mantle zone of p3ALC
            - p3ALCp::periventricular stratum of p3ALC
              - ZIMC::caudal part of magnocellular part of the zona incerta
            - p3ALCi::intermediate stratum of p3ALC
              - IntC::intercalate nucleus
            - p3ALCs::superficial stratum of p3ALC
              - PreG::pregeniculate nucleus
        - p3AV::ventral part of alar p3
          - p3AVR::rostral part of p3AV
            - p3AVRp::periventricular stratum of p3ARV
              - RZIM::rostral zona incerta, magnocellular part
              - A13::A13 dopaminergic cell group
            - p3AVRi::intermediate stratum of p3ARV
              - RZI::rostral zona incerta
            - p3AVRs::superficial stratum of p3ARV
              - VPP::ventral peripeduncular nucleus
          - p3AVC::caudal part of p3AV
            - p3AVCp::periventricular stratum of p3AVC
              - CZIM::caudal zona incerta, magnocellular part
            - p3AVCi::intermediate stratum of p3AVC
              - CZI::caudal zona incerta
            - p3AVCs::superficial stratum of p3AVC
              - AcEP::accessory entopeduncular nucleus
        - p3ZL::zona limitans part of p3
          - p3ZLv::ventricular zone of p3ZL
          - p3ZLm::mantle zone of p3ZL
            - p3ZLp::periventricular stratum of p3ZL
            - p3ZLi::intermediate stratum of p3ZL
            - p3ZLs::superficial stratum of p3ZL
    - PThTg::prethalamic tegmentum
      - p3B::basal plate of p3 (prethalamic tegmentum)
        - p3Bv::ventricular zone of p3B
        - p3Bm::mantle zone of p3B
          - p3Bp::periventricular stratum of p3B
            - p3PEW::p3 portion of the pre-Edinger-Westphal nucleus
          - p3Bi::intermediate stratum of p3B
            - p3Tg::tegmentum of p3 (Forels field)
            - p3PBP::p3 portion of parabrachial pigmented nucleus
          - p3Bs::superficial stratum of p3B
            - p3MT::p3 portion of the medial terminal nucleus of the accessory optic tract
            - p3SNC::p3 portion of the substantia nigra pars compacta
            - p3SNR::p3 portion of the substantia nigra pars reticulata
            - p3PN::p3 portion of paranigral nucleus
      - p3F::floor plate of p3
        - p3Fv::ventricular zone of p3F
        - p3Fm::mantle zone of p3F
          - p3Fp::periventricular stratum of p3F
          - p3Fi::intermediate stratum of p3F
          - p3Fs::superficial stratum of p3F
            - p3VTA::p3 portion of the ventral tegmental area
- p2::prosomere 2 (thalamus)
  - Th::thalamus
    - p2R::roof plate of p2
      - p2Ch::choroidal tissue of p2
      - BHbC::bed of the habenular commissure
      - Pi::pineal gland (epiphysis) + stalk
      - RHb::retrohabenular area

Level 00 | Level 01 | Level 02 | Level 03 | Level 04 | Level 05 | Level 06 | Level 07 | Level 08 | Level 09 | Level 10 | Level 11 | Level 12 | Level 13

- p2A::alar plate of p2 (alar thalamus)
  - p2AD::dorsal part of alar p2
    - Hb::habenula
      - Hbv::ventricular zone of Hb
      - Hbm::mantle zone of Hb
        - Hbp::periventricular stratum of Hb
          - MHb::medial habenular nucleus
        - Hbi::intermediate stratum of Hb
          - LHbM::medial part of the lateral habenular nucleus
        - Hbs::superficial stratum of Hb
          - LHbL::lateral part of the lateral habenular nucleus
  - p2AL::lateral part of alar p2
    - DTTh::dorsal tier thalamic nuclei
      - DTThv::ventricular zone of DTTh
      - DTThm::mantle zone of DTTh
        - DTThp::periventricular stratum of DTTh
          - DPv::dorsal periventricular nuclei
            - PVA::anterior paraventricular nucleus of thalamus
            - Rh::rhomboid nucleus
            - Re::reuniens nucleus, main part
            - RRe::retroreuniens nucleus
            - VRe::ventral reuniens nucleus
          - MD::mediodorsal nucleus
            - MDM::medial (magnocellular) part of MD
            - MDL::lateral (parvicellular) part of MD
            - MDC::central part of MD
          - IMD::intermediodorsal nucleus
        - DTThi::intermediate stratum of DTTh
          - PT::parataenial nucleus
          - IL::intralaminar nuclei
            - CM::centromedian nucleus
            - PC::paracentral nucleus
            - OPC::oval paracentral nucleus
            - CL::central lateral nucleus
          - A::anterior nuclei
            - AD::anterodorsal nucleus
            - IAD::interanterodorsal nucleus
            - AV::anteroventral nucleus
              - AVDM::dorsomedial part of AV
              - AVVL::ventrolateral part of AV
            - AM::anteromedial nucleus
            - IAM::interanteromedial nucleus
          - V::ventral nuclei
            - VM::ventromedial nucleus
            - SubM::submedius thalamic nucleus
            - VA::ventral anterior nucleus
            - VL::ventral lateral nucleus
            - VP::ventral posterior nucleus
              - VPM::ventral posteromedial nucleus
              - VPL::ventral posterolateral nucleus
              - VPPC::ventral posterior parvicellular nucleus
            - Po::posterior (ventral) nucleus
        - DTThs::superficial stratum of DTTh
          - L::lateral nuclei
            - LD::laterodorsal nucleus
            - LP::lateral posterior nucleus
              - LPMR::lateral posterior nucleus, mediorostral part
              - LPMC::lateral posterior nucleus, mediocaudal part
              - LPLR::lateral posterior nucleus, laterorostr al part
              - LPLC::lateral posterior nucleus, laterocaudal part
          - DLG::dorsal lateral geniculate nucleus
    - ITTh::intermediate tier thalamic nuclei
      - ITThv::ventricular zone of ITTh
      - ITThm::mantle zone of ITTh
        - ITThp::periventricular stratum of ITTh
          - IPv::intermediate periventricular nuclei
            - PVP::posterior paraventricular nucleus
            - PF::parafascicular nucleus
        - ITThi::intermediate stratum of ITTh
          - IP::intermedioposterior nuclei
            - Lth::lithoid nucleus
            - Sc::scaphoid nucleus
            - Eth::ethmoid nucleus
            - SEth::subethmoid nucleus (former REth)
            - VLi::ventral linear nucleus
            - PoT::posterior triangular nucleus
        - ITThs::superficial stratum of ITTh
          - SG::supragenicular nucleus
    - VTTh::ventral tier thalamic nuclei
      - VTThv::ventricular zone of VTTh
      - VTThm::mantle zone of VTTh
        - VTThp::periventricular stratum of VTTh
          - SPFMC::magnocellular (medial) subparafascicular nucleus
        - VTThi::intermediate stratum of VTTh
          - SPFPC::parvicellular (lateral) subparafascicular nucleus
          - PIL::posterior intralaminar nucleus
        - VTThs::superficial stratum of VTTh
          - MG::medial geniculate nucleus
            - MGV::ventral subnucleus of MG
            - MGD::dorsal subnucleus of MG
            - MGM::medial subnucleus of MG
  - p2ZL::thalamic part of zona limitans
    - p2ZLv::ventricular zone of p2ZL
    - p2ZLm::mantle zone of p2ZL
      - p2ZLp::periventricular stratum of p2ZL
      - p2ZLi::intermediate stratum of p2ZL
        - REthm::retroethmoid nucleus
      - p2ZLs::superficial stratum of p2ZL
        - IGL::intergeniculate leaflet
        - p2PP::p2 portion of the peripeduncular nucleus
        - EpP::epipeduncular nucleus
- ThTg::thalamic tegmentum
- p2B::basal plate of p2
  - p2Bv::ventricular zone of p2B
  - p2Bm::mantle zone of p2B
    - p2Bp::periventricular stratum of p2B
      - p2PEW::p2 portion of the pre-Edinger-Westphal nucleus
    - p2Bi::intermediate stratum of p2B
      - RI::rostral interstitial nucleus
      - PR::prerubral area
      - p2PBP::p2 portion of the parabrachial pigmented nucleus
    - p2Bs::superficial stratum of p2B
      - p2MT::p2 portion of the medial terminal nucleus of the accessory optic tract
      - p2SNC::p2 portion of the substantia nigra pars compacta
      - p2SNR::p2 portion of the substantia nigra pars reticulata
      - p2PN::p2 portion of paranigral nucleus
- p2F::floor plate of p2
  - p2Fv::ventricular zone of p2F
  - p2Fm::mantle zone of p2F
    - p2Fp::periventricular stratum of p2F
    - p2Fi::intermediate stratum of p2F
    - p2Fs::superficial stratum of p2F
      - p2VTA::p2 portion of the ventral tegmental area

- p1::prosomere 1
  - Pt::pretectum
    - p1R::roof plate of p1
      - PCom::posterior commissure
        - PComv::ventricular zone of PCom
          - SCO::subcommissural organ
        - PComm::mantle zone of PCom
          - PComp::periventricular zone of PCom
          - PComi::intermediate zone of PCom
            - BPC::bed of the posterior commissure
          - PComs::superficial zone of PCom

Level 00 | Level 01 | Level 02 | Level 03 | Level 04 | Level 05 | Level 06 | Level 07 | Level 08 | Level 09 | Level 10 | Level 11 | Level 12 | Level 13

- p1A::alar plate of p1
  - PcP::precommissural pretectal domain
    - PcPD::dorsal part of PcP
      - PcPDv::ventricular zone of PcPD
      - PcPDm::mantle zone of PcPD
        - PcPDp::periventricular stratum of PcPD
          - PcPD-PAG::PcPD part of the periaqueductal gray
        - PcPDi::intermediate stratum of PcPD
          - DF::dorsofrontal pretectal nucleus
        - PcPDs::superficial stratum of PCPD
          - DFS::superficial dorsofrontal area
    - PcPL::lateral part of PcP
      - PcPLv::ventricular zone of PcPL
      - PcPLm::mantle zone of PcPL
        - PcPLp::periventricular stratum of PcPL
          - PcPL-PAG::PcPL part of the periaqueductal gray
        - PcPLi::intermediate stratum of PcPL
          - APTD::anterior pretectal nucleus, dorsal core part
        - PcPLs::superficial stratum of PcPL
          - APTDS::anterior pretectal nucleus, dorsal superficial part
    - PcPV::ventral part of PcP
      - PcPVv::ventricular zone of PcPV
      - PcPVm::mantle zone of PcPV
        - PcPVp::periventricular stratum of PcPV
          - PcPV-PAG::PcPV part of the periaqueductal gray
        - PcPVi::intermediate stratum of PcPV
          - APTV::anterior pretectal nucleus, ventral core part
        - PcPVs::superficial stratum of PcPV
          - APTVS::anterior pretectal nucleus, ventral superficial part
  - JcP::juxtacommissural pretectal domain
    - JcPD::dorsal part of JcP
      - JcPDv::ventricular zone of JcPD
      - JcPDm::mantle zone of JcPD
        - JcPDp::periventricular stratum of JcPD
          - JcPD-PAG::JcPD part of the periaqueductal gray
        - JcPDi::intermediate stratum of JcPD
          - DJcP::dorsal juxtacommissural pretectal nucleus
          - DSp::dorsal spiriform nucleus
        - JcPDs::superficial stratum of JcPD
          - JcP-DT::JcP contribution to DT
    - JcPL::lateral part of JcP
      - JcLm::ventricular zone of JcPL
        - JcPLp::periventricular stratum of JcPL
          - JcPL-PAG::JcPL part of the periaqueductal gray
        - JcPLi::intermediate stratum of JcPL
          - JcPLRt::reticular formation of JcPL
          - DCa::dorsocaudal nucleus
          - LSp::lateral spiriform nucleus
        - JcPLs::superficial stratum of JcPL
          - JcPL-LTL::JcP part of LTL
    - JcPV::ventral part of JcP
      - JcPVv::ventricular zone of JcPV
      - JcPVm::mantle zone of JcPV
        - JcPVp::periventricular stratum of JcPV
          - JcPV-PAG::JcPV part of the periaqueductal gray
        - JcPVi::intermediate stratum of JcPV
          - VJcP::ventral juxtacommissural pretectal nucleus
        - JcPVs::superficial stratum of JcPV
          - JcPV-LTV::JcPV part of LTV
  - CoP::commissural pretectal domain
    - CoPD::dorsal part of CoP
      - CoPDv::ventricular zone of CoPD
      - CoPDm::mantle zone of CoPD
        - CoPDp::periventricular stratum of CoPD
          - CoPD-PAG::CoPD part of the periaqueductal gray
        - CoPDi::intermediate stratum of CoPD
          - MPT::medial pretectal nucleus
        - CoPDs::superficial stratum of CoPD
          - OPT::olivary pretectal nucleus
    - CoPDL::dorsolateral part of CoP
      - CoPDLv::ventricular zone of CoPDL
      - CoPDLm::mantle zone of CoPDL
        - CoPDLp::periventricular stratum of CoPDL
          - CoPDL-PAG::CoPDL part of the periaqueductal gray
          - PCPC::parvicellular interstitial nucleus of the posterior commissure
        - CoPDLi::intermediate stratum of CoPDL
          - PrPT::principal pretectal nucleus
        - CoPDLs::superficial stratum of CoPDL
          - DT::dorsal terminal nucleus of the accessory optic tract
    - CoPL::lateral part of CoP
      - CoPLv::ventricular zone of CoPL
      - CoPLm::mantle zone of CoPL
        - CoPLp::periventricular stratum of CoPL
          - CoPL-PAG::CoPL part of the periaqueductal gray
        - CoPLi::intermediate stratum of CoPL
          - IPT::intermediate pretectal nucleus
          - CoPRt::reticular formation of CoP
        - CoPLs::superficial stratum of CoPL
          - LTL::lateral terminal nucleus of the accessory optic tract, lateral part
    - CoPV::ventral part of CoP
      - CoPVv::ventricular zone of oPV
      - CoPVm::mantle zone of CoPV
        - CoPVp::periventricular stratum of CoPV
          - CoPV-PAG::CoPV part of the periaqueductal gray
        - CoPVi::intermediate stratum of CoPV
          - SPT::subpretectal nucleus
          - MCMC::magnocellular interstitial nucleus of the posterior commissure
        - CoPVs::superficial stratum of CoPV
          - LTV::lateral terminal nucleus of the accessory optic tract, ventral part
  - ALimP1::liminal part of p1A
    - ALimv::ventricular zone of ALim
    - ALimm::mantle zone of ALim
      - ALimp::periventricular stratum of ALim
        - ALim-PAG::ALim part of the PAG
      - ALimi::intermediate stratum of ALim
        - InC::interstitial nucleus of Cajal
      - ALims::superficial stratum of ALim
        - p1SNL::p1 part of the lateral substantia nigra
- PtTg::pretectal tegmentum
  - p1B::basal plate of p1 (of pretectal tegmentum)
    - p1Bv::ventricular zone of p1B
    - p1Bm::mantle zone of p1B
      - p1Bp::periventricular stratum of p1B
        - p1B-PAG::p1B part of the periaqueductal gray
        - Dk::nucleus of Darkschewitsch
        - p1PEW::p1 part of the pre-Edinger-Westphal nucleus
      - p1Bi::intermediate stratum of p1B
        - p1Rt::reticular formation of p1
        - RPC::parvicellular red nucleus
        - p1PaR::p1 part of the pararubral nucleus
      - p1Bs::superficial stratum of p1B
        - p1MT::p1 part of the medial terminal nucleus of the accessory optic tract
        - p1SNC::p1 part of the substantia nigra compacta
        - p1SNR::p1 part of the substantia nigra reticulata
  - p1F::floor plate of p1
    - p1Fv::ventricular zone of p1F
    - p1Fm::mantle zone of p1F
      - p1Fp::periventricular stratum of p1F
      - p1Fi::intermediate stratum of p1F
      - p1Fs::superficial stratum of p1F
        - p1VTA::p1 part of the ventral tegmental area

Level 00	Level 01	Level 02	Level 03	Level 04	Level 05	Level 06	Level 07	Level 08	Level 09	Level 10	Level 11	Level 12	Level 13
	M::midbrain												
					mR::roof plate of the midbrain								
					mA::alar plate of the midbrain								
					mB::basal plate of midbrain								
					mF::floor plate of midbrain								
	H::hindbrain												
		PPH::prepontine hindbrain											
			is::isthmus										
					isR::isthmic roof plate								
					isA::isthmic alar plate								
					isB::isthmic basal plate								
					isF::isthmic floor plate								
			r1::rhombomere 1										
					r1R::r1 roof plate								
					r1A::r1 alar plate								
					r1B::r1 basal plate								
					r1F::r1 floor plate								
			r2::rhombomere 2										
					r2R::r2 roof plate								
					r2A::r2 alar plate								
					r2B::r2 basal plate								
					r2F::r2 floor plate								
		PH::pontine hindbrain (pons proper)											
			r3::rhombomere 3										
					r3R::r3 roof plate								
					r3A::r3 alar plate								
					r3B::r3 basal plate								
					r3F::r3 floor plate								
			r4::rhombomere 4										
					r4R::r4 roof plate								
					r4A::r4 alar plate								
					r4B::r4 basal plate								
					r4F::r4 floor plate								
		PMH::pontomedullary hindbrain											
			r5::rhombomere 5										
					r5R::r5 roof plate								
					r5A::r5 alar plate								
					r5B::r5 basal plate								
					r5F::r5 floor plate								
			r6::rhombomere 6										
					r6R::r6 roof plate								
					r6A::r6 alar plate								
					r6B::r6 basal plate								
					r6F::r6 floor plate								
		MH::medullary hindbrain (medulla)											
			r7::rhombomere 7										
					r7R::r7 roof plate								
					r7A::r7 alar plate								
					r7B::r7 basal plate								
					r7F::r7 floor plate								
			r8::rhombomere 8										
					r8R::r8 roof plate								
					r8A::r8 alar plate								
					r8B::r8 basal plate								
					r8F::r8 floor plate								
			r9::rhombomere 9										
					r9R::r9 roof plate								
					r9A::r9 alar plate								
					r9B::r9 basal plate								
					r9F::r9 floor plate								
			r10::rhombomere 10										
					r10R::r10 roof plate								
					r10A::r10 alar plate								
					r10B::r10 basal plate								
					r10F::r10 floor plate								
			r11::rhombomere 11										
					r11R::r11 roof plate								
					r11A::r11 alar plate								
					r11B::r11 basal plate								
					r11F::r11 floor plate								
	SC::spinal cord												
					SCR::spinal cord roof								
					SCA::spinal cord alar plate								
					SCB::spinal cord basal plate								
					SCF::spinal cord floor								