

# cerebellum

## PARTONOMY LIST

FMA	TA	UID	Short official Latin term	Short English equivalent
<a href="#">67944</a>		5686	cerebellum 	cerebellum 
		8266	morphologia externa cerebelli; res morphologiae externae cerebelli 	external morphology of cerebellum; entities of external morphology of cerebellum 
<a href="#">76928</a>		5691	vermis 	vermis 
<a href="#">76925</a>		5689	hemispherium cerebelli (par) 	cerebellar hemisphere (pair)
<a href="#">75267</a>		5690	vallecula cerebelli 	vallecula of cerebellum 
		8267	fissura cerebellomesencephalica 	cerebellomesencephalic fissure 
		8269	fissura cerebellopontina 	cerebellopontine fissure 
		8270	fissura cerebellomedullaris 	cerebellomedullary fissure 
		5687	fissurae interlobares cerebelli 	interlobar fissures of cerebellum 
<a href="#">83729</a>		5716	fissura prima; fissura preclivalis 	primary fissure  ; preclival fissure 
<a href="#">83730</a>		5739	fissura posterolateralis 	posteriorlateral fissure 
<a href="#">76926</a>		5698	corpus cerebelli 	body of cerebellum 
<a href="#">72251</a>		5699	lobus anterior cerebelli 	anterior lobe of cerebellum 
<a href="#">72255</a>		8272	pars anterior vermis 	anterior part of vermis of cerebellum 
<a href="#">83884</a>		5700	lingula (par)  ; lobulus I (par) 	lingula (pair)  ; lobule I (pair) 
<a href="#">72519</a>		5702	lobulus centralis (par) 	central lobule (pair) 
<a href="#">278635</a>		5703	lobulus II (par) 	lobule II (pair) 
<a href="#">278639</a>		5704	lobulus III (par) 	lobule III (pair) 
<a href="#">83886</a>		5709	culmen (par) 	culmen (pair) 
<a href="#">76955</a>		5710	lobulus IV (par) 	lobule IV (pair) 
<a href="#">76954</a>		5712	lobulus V (par) 	lobule V (pair) 
		8281	fissurae lobi anterioris cerebelli (par) 	fissures of anterior lobe of cerebellum (pair) 
<a href="#">83731</a>		5701	fissura precentralis (par)  ; fissura postlingualis (par) 	precentral fissure (pair)  ; postlingual fissure (pair) 
<a href="#">83736</a>		5708	fissura postcentralis (par)  ; fissura preculminalis (par) 	postcentral fissure (pair)  ; preculminate fissure (pair) 
<a href="#">83737</a>		5711	fissura intraculminalis (par) 	intraculminate fissure (pair) 
<a href="#">72254</a>		8339	pars anterior hemispherii cerebelli (par) 	anterior part of cerebellar hemisphere (pair) 
		8993↓	vincingulum lingulae (par)  ; lobulus HI (par) 	vincingulum of lingula of cerebellum (pair)  ; lobule HI (pair) 
<a href="#">72517</a>		5705	ala lobuli centralis (par) 	wing of central lobule of cerebellum (pair) 
<a href="#">278665</a>		5706	lobulus HII (par) 	lobule HII (pair) 
<a href="#">278672</a>		5707	lobulus HIII (par) 	lobule HIII (pair) 
<a href="#">72516</a>		5713	lobulus quadrangularis anterior (par) 	anterior quadrangular lobule (pair) 
<a href="#">278683</a>		5714	lobulus HIV (par) 	lobule HIV (pair) 
<a href="#">278723</a>		5715	lobulus HV (par) 	lobule HV (pair) 
<a href="#">72252</a>		5717	lobus posterior cerebelli 	posterior lobe of cerebellum 
<a href="#">72259</a>		9194	pars posterior vermis 	posterior part of vermis of cerebellum 
<a href="#">83887</a>		5719	decive (par)  ; lobulus VI (par) 	decive (pair)  ; lobule VI (pair) 
<a href="#">83889</a>		5722	folium vermis (par)  ; lobulus VIIA (par) 	folium of vermis of cerebellum (pair)  ; lobule VIIA (pair) 
<a href="#">83890</a>		5728	tuber (par)  ; lobulus VIIIB (par) 	tuber (pair)  ; lobule VIIIB (pair) 
<a href="#">83888</a>		5731	pyramis (par)  ; lobulus VIII (par) 	pyramis (pair)  ; lobule VIII (pair) 
		8273	lobulus HVIIIA (par) 	lobule HVIIIA (pair) 

	8274	lobulus HVIIIB (par) ⑪	lobule HVIIIB (pair) ⑪
<a href="#">83883</a>	5737	uvula (par) ⑪; lobulus IX (par) ⑪	uvula (pair) ⑪; lobule IX (pair) ⑪
	9038	fissurae lobi posterioris cerebelli (par) ⑪	fissures of posterior lobe of cerebellum (pair) ⑪
<a href="#">83733</a>	5721	fissura posterior superior (par) ⑪; fissura postclivalis (par) ⑪	superior posterior fissure (pair) ⑪; postclival fissure (pair) ⑪
<a href="#">75135</a>	5725	fissura horizontalis (par) ⑪; fissura intercruralis (par) ⑪	horizontal fissure (pair) ⑪; intercrural fissure (pair) ⑪
<a href="#">75137</a>	5727	fissura lunogracilis (par) ⑪; fissura ansoparamediana (par) ⑪	lunogracile fissure (pair) ⑪; ansoparamedian fissure (pair) ⑪
<a href="#">75138</a>	5730	fissura prebiventralis (par) ⑪; fissura prepyramidalis (par) ⑪	prebiventral fissure (pair) ⑪; prepyramidal fissure (pair) ⑪
<a href="#">75139</a>	5734	fissura intrabiventralis (par) ⑪	intrabiventral fissure (pair) ⑪
<a href="#">84043</a>	5736	fissura secundaria (par) ⑪; fissura postpyramidalis (par) ⑪	secondary fissure (pair) ⑪; postpyramidal fissure (pair) ⑪
<a href="#">72256</a>	9195	pars posterior hemispherii cerebelli (par) ⑪	posterior part of cerebellar hemisphere (pair) ⑪
<a href="#">256399</a>	5720	lobulus quadrangularis posterior (par) ⑪; lobulus simplex (par) ⑪; lobulus HVI (par) ⑪	posterior quadrangular lobule (pair) ⑪; simple lobule (pair) ⑪; lobule HVI (pair) ⑪
	5723	lobuli semilunares (par) ⑪; lobuli ansiformes cerebelli (par) ⑪; lobuli HVIIA (par) ⑪	semilunar lobules (pair) ⑪; ansiform lobules (pair) ⑪; lobules HVIIA (pair) ⑪
<a href="#">72254</a>	5724	lobulus semilunaris superior (par) ⑪; crus I (par) ⑪; lobulus HVIIAa (par) ⑪	superior semilunar lobule (pair) ⑪; crus I (pair); lobule HVIIAa (pair) ⑪
<a href="#">72255</a>	5726	lobulus semilunaris inferior (par) ⑪; crus II (par) ⑪; lobulus HVIIAb (par) ⑪	inferior semilunar lobule (pair) ⑪; crus II (pair); lobule HVIIAb (pair) ⑪
<a href="#">72253</a>	5729	lobulus gracilis (par) ⑪; lobulus HVIIB (par) ⑪	gracile lobule (pair) ⑪; lobule HVIIB (pair) ⑪
<a href="#">72256</a>	5732	lobulus biventer (par) ⑪; lobulus HVIII (par) ⑪	biventral lobule (pair) ⑪; lobule HVIII (pair) ⑪
<a href="#">77202</a>	5733	pars lateralis lobuli biventris (par) ⑪; lobulus HVIIIA (par) ⑪	lateral part of biventral lobule of cerebellum (pair) ⑪; lobule HVIIIA (pair) ⑪
<a href="#">77203</a>	5735	pars medialis lobuli biventris (par) ⑪; lobulus HVIIIB (par) ⑪	medial part of biventral lobule of cerebellum (pair) ⑪; lobule HVIIIB (pair) ⑪
<a href="#">83464</a>	5738↓	tonsilla cerebelli (par) ⑪; lobulus HIX (par) ⑪	tonsil of cerebellum (pair) ⑪; lobule HIX (pair) ⑪
	9202↓	paraflocculus accessorius (par) ⑪	accessory paraflocculus (pair) ⑪
<a href="#">72253</a>	5740	lobus flocculonodularis ⑪	flocculonodular lobe ⑪
<a href="#">83882</a>	5741	nodulus ⑪; lobulus X ⑪	nodule ⑪; lobule X ⑪
<a href="#">83881</a>	5743	flocculus (par) ⑪; lobulus HX (par) ⑪	flocculus (pair) ⑪; lobule HX (pair) ⑪
	8227	morphologia interna cerebelli; res morphologiae internae cerebelli ⑪	internal morphology of cerebellum; entities of internal morphology of cerebellum ⑪
	5688	folia cerebelli ⑪	folia of cerebellum ⑪
<a href="#">83924</a>	9037	substantia grisea cerebelli ⑪	grey substance of cerebellum ⑪; grey matter of cerebellum ▲
<a href="#">72248</a>	5745	cortex cerebelli ⑪	cerebellar cortex ⑪
<a href="#">83141</a>	9040	strata corticis cerebelli ⑪	layers of cerebellar cortex ⑪
<a href="#">83140</a>	5746	stratum granulare ⑪	granular layer ⑪
	8239	glomerulus cerebelli ⑪	glomerulus of cerebellum ⑪
<a href="#">83896</a>	5747	stratum purkinjense ⑪	Purkinje cell layer
<a href="#">83897</a>	5748	stratum moleculare ⑪	molecular layer ⑪
	8229	neura corticis cerebelli ⑪	neurons of cerebellar cortex ⑪
	8230	neura projectionis corticis cerebelli ⑪	projection neurons of cerebellar cortex
	8233	neura purkinjensia ⑪	Purkinje neurons; Purkinje cells

8234	interneura corticis cerebelli (U)	cerebellar interneurons
8236	interneura excitatoria corticis cerebelli (U)	excitatory interneurons of cerebellar cortex (U)
8237	neura granularia (U)	granule neurons; granule cells
8237	# neuron granulare (U)	# granule neuron; granule cell
8240	dendrita neuris granularis (U)	dendrites of granule neuron of cerebellar cortex (U)
8239	glomerulus cerebelli (U)	glomerulus of cerebellum (U)
8242	fibrae parallelae (U)	parallel fibres ▲
8243	neura penicillata (U)	unipolar brush neurons; unipolar brush cells
8245	interneura inhibitoria corticis cerebelli (U)	inhibitory interneurons of cerebellar cortex (U)
8246	neura fusiformia horizontalia (U)	horizontal fusiform neurons (U); horizontal fusiform cells (U)
8248↓	neura golgiensia magna (U)	large Golgi neurons; large Golgi cells
8248	# neuron golgiense magnum (U)	# large Golgi neuron; large Golgi cell
8251	axon neuris golgiensis magni (U)	axon of large Golgi neuron (U)
8249↓	neura golgiensia parva (U)	small Golgi neurons; small Golgi cells
<u>84461</u>	8252	basket neurons; basket cells
	8254	superficial stellate neurons (U); superficial stellate cells (U)
	8255	deep stellate neurons (U); deep stellate cells (U)
9724	astrocyti cerebelli (U)	astrocytes of cerebellum (U)
9726	astrocyti radiales (U)	radial astrocytes (U)
<u>54559</u>	9735	epithelial astrocytes of cerebellum (U)
	9735	# epithelial astrocyte of cerebellum (U)
9926	processus radiales (U)	radial processes (U)
9928	astrocyti pennati (U)	feathered astrocytes (U)
8344	divisiones cerebelli (U)	subdivisions of cerebellum (U)
<u>72253</u>	5692	vestibulocerebellum (U)
<u>72251</u>	5693	spinocerebellum (U)
<u>72252</u>	5694	pontocerebellum (U)
9279	zonae sagittales cerebelli (par) (U)	sagittal zones of cerebellum (pair) (U)
9281	zonae sagittales mediales (par) (U)	medial sagittal zones (pair) (U)
9282	zona A (par) (U)	zone A (pair) (U)
9283	zona X (par) (U)	zone X (pair) (U)
9284	zona B (par) (U)	zone B (pair) (U)
9343	zonae sagittales intermediae (par) (U)	intermediate sagittal zones (pair) (U)
9286	zona C1 (par) (U)	zone C1 (pair) (U)
9287	zona C2 (par) (U)	zone C2 (pair) (U)
8340	zona C3 (par) (U)	zone C3 (pair) (U)
9338	zonae sagittales laterales (par) (U)	lateral sagittal zones (pair) (U)
9339	zona Y (par) (U)	zone Y (pair) (U)
9340	zona D1 (par) (U)	zone D1 (pair) (U)
9341	zona D2 (par) (U)	zone D2 (pair) (U)
<u>321695</u>	5749	cerebellar nuclei (pair)
<u>72260</u>	5750	dentate nucleus (pair) (U); lateral cerebellar nucleus (pair)
<u>72548</u>	5751	hilum nuclei dentati (par) (U)
	8258	(U)

		pars microgyria (par)	
	8260	pars macrogyria (par)	
	8261	nuclei interpositi (par)	
<u>72538</u>		5752	nucleus emboliformis (par) ; nucleus interpositus anterior (par)
<u>72536</u>		5753	nucleus globosus (par) ; nucleus interpositus posterior (par)
<u>72537</u>		5754	nucleus fastigii (par)
	8341	neura nuclei cerebelli (par)	
	8343	neura projectionis nuclei cerebelli (par)	
	8345	neura projectionis magna (par)	
	8349	neura projectionis parva (par); neura nucleoollivaria (par)	
	8351	interneura inhibitoria nuclei cerebelli (par)	
	8263	interneura inhibitoria glycinergica (par)	
	8264	interneura inhibitoria GABAergic (par)	
<u>83943</u>	9191	substantia alba cerebelli	
<u>72541</u>		5744	arbor vitae
<u>256377</u>		5761	corpus medullare cerebelli
	7688	lamella medullaris cerebelli	
	7691	fibrae afferentes corticis cerebelli	
	7705	fibrae nervosae muscosae	
	7705	# fibra nervosa muscosa	
	8350	flosculi fibrae nervosae muscosae	
	7711	fibrae ascendentes	
	7713	fibrae multistratificatae ; neurofibrae monoaminergicae	
	7716	fibrae efferentes corticis cerebelli	
	7716	# neurofibra efferens corticis cerebelli	
	11561	axon neurii purkinjensis	
	8474	tractus commissurales originis cerebelli	
<u>77522</u>		5762	commissura cerebelli
	8545	tractus longi cerebelli (par)	
<u>272298</u>		5755	pedunculi cerebellares (par)
<u>72495</u>		5760	pedunculus cerebellaris superior (par)
	8223	brachium conjunctivum (par)	
	8473	ramus ascendens brachii conjunctivi (par)	
	8439	tractus cerebellorubralis	
	8465	tractus cerebellothalamicus	
	8464	ramus descendens brachii conjunctivi (par)	
<u>72490</u>		5763	fasciculus uncinatus cerebelli
	8468	fibrae fastigobulbales	
<u>75690</u>	8469	tractus fastigiospinalis	
<u>75691</u>		5221	tractus interpositospinalis
<u>72515</u>		5759	pedunculus cerebellaris medius (par)
	11532	fibrae pontocerebellares	
			microgyric part (pair)
			macrogyric part (pair)
			interposed nuclei (pair)
			emboliform nucleus (pair) ; anterior interposed nucleus (pair)
			globose nucleus (pair) ; posterior interposed nucleus (pair)
			fastigial nucleus (pair) ; medial cerebellar nucleus (pair)
			neurons of cerebellar nucleus (pair)
			projection neurons of cerebellar nucleus (pair)
			large projection neurons (pair)
			small projection neurons (pair); nucleoollivary neurons (pair)
			inhibitory interneurons of cerebellar nucleus (pair)
			glycinergic inhibitory interneurons (pair)
			GABAergic inhibitory interneurons (pair)
			white substance of cerebellum
			arbor vitae
			medullary body of cerebellum
			medullary lamella of cerebellum
			cerebellar cortical afferent fibres ▲
			mossy fibres ▲
			# mossy fibre
			rosettes of mossy fibre of cerebellar cortex
			climbing fibres ▲
			multilayered fibres; monoaminergic fibres ▲
			cerebellar cortical efferent fibres ▲
			# cerebellar cortical efferent fibre
			axon of Purkinje cell
			commissural tracts of origin in cerebellum
			cerebellar commissure
			long tracts of cerebellum (pair)
			cerebellar peduncles (pair)
			superior cerebellar peduncle (pair)
			brachium conjunctivum (pair)
			ascending branch of brachium conjunctivum (pair)
			cerebellorubral tract
			cerebellothalamic tract
			descending branch of brachium conjunctivum (pair)
			uncinate fasciculus of cerebellum
			fastigibulbar fibres  ▲
			fastigiospinal tract
			interpositospinal tract
			middle cerebellar peduncle (pair)
			pontocerebellar fibres  ▲

<a href="#">72615</a>		5756	pedunculus cerebellaris inferior (par)	inferior cerebellar peduncle (pair)
		5757	corpus restiforme (par)	restiform body (pair)
		8467	fibrae cerebelloolivares ; fibrae nucleoolivares	cerebelloolivary fibres ; nucleolivary fibres  ▲
<a href="#">73950</a>		5319	tractus spinocerebellaris posterior ; tractus spinocerebellaris dorsalis	posterior spinocerebellar tract ; dorsal spinocerebellar tract
		5320	fibrae cuneocerebellares	cuneocerebellar fibres  ▲
		8456	fibrae trigeminocerebellares	trigeminocerebellar fibres  ▲
<a href="#">72638</a>		5305	tractus olivocerebellaris	olivocerebellar tract
		8457	fibrae nucleocerebellares	nucleocerebellar fibres  ▲
		8458	fibrae raphecerbellares	raphecerbellar fibres  ▲
<a href="#">72613</a>		5758	corpus juxtarestiforme (par)	juxtarestiform body (pair)
		8459	fibrae vestibulocerebellares	vestibulocerebellar fibres  ▲
		8466	fibrae cerebellovestibulares	cerebellovestibular fibres  ▲
<a href="#">72543</a>		5742	pedunculus flocculi (par)	peduncle of flocculus of flocculonodular lobe of cerebellum (pair)
		173	lines	
		333	entities	

## SCIENTIFIC NOTES

### UID Libelle of note

- 5738 Recent data suggest that the Tonsilla is comparable to the Dorsal paraflocculus, and the Paraflocculus accessorius to the Ventral paraflocculus (see Voogd and Ruigrok 2012). The Paraflocculus accessorius forms part of Lobule HIX.
- 8248 The use of 'stellatum' for the Golgi cells is unfortunate, given the presence of other Stellate cells in the Molecular layer. As Latin term Neuron golgiense and as English term Golgi cell were accepted at the FIPAT Meeting in Istanbul, 2015.
- 8249 See note # 8248
- Not in TA, and added. Not distinguished by Larsell O, Jansen J (1972 The Comparative Anatomy and Histology of the Cerebellum. The human cerebellum, cerebellar connections, and cerebellar cortex. University of Minneapolis, MN) and Schmahmann et al. (1999 Neuroimage 10:233-260), but by Voogd J, Ruigrok TJH (2012 Cerebellum and precerebellar nuclei. In: Mai JK, Paxinos G, eds: The Human Nervous System, 3rd ed. Elsevier, Amsterdam, pp 471-545). First described as 'Zungenband' by Stilling (1864) and as Vinculum linguae by Henle (1879).
- 9202 See note # 5738

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