

ROOTS, PREFIXES AND SUFFIXES USED IN BIOLOGY

RPS	Definition	RPS	Definition	RPS	Definition	RPS	Definition	RPS	Definition
A, an	Without, lack	Auto	Self, same	Circum	Around	Epi	On, at, beside	Homo, homeo	Same
Ab	From, away from	Av	Bird	Clast	To break	Equ	Equal, horse	Homo, homin	Man
Abdomen	belly	Bacillo	A little sick	Cloac	Sewer	Erythro	Red	Homolog	Agreeing
Abscis	Cut off	Bacter	Small rod	Cnid	Stinging nettle	Esophag	Gullet	Hydro	Water
Absol	Perfect, complete	Baro	Pressure	Co	Together, with	-e, -ette	Little, small	Hyper	Above, excessive
Abts	bottomless	Basid	Pedestal	Coagul	Curdle	Eu	True	Hypo	Below, not enough
-acanth	Thorn, spine	Benth	Depth, bottom	Cocci	Berry, seed	Ex	Out	-ia, iasis	Disease, infestation
Acid	Sour, tart	Bi	Two, twice	Coel	Cavity	Facilit	Easy to do	-iasis	Abnormal condition
Actino	Ray, star-like	Bio	Life	Colla	Glue	Feli	Cat	Ichthys	Fish
Ad, af	Near, toward	Blast, blasto	Germinate, form	Com, con	With, together	Fem	Thigh	-ide	Chemical compound
Adapt	To fit	Botan	Grass, herb	Compo	To put together	-fer	Bear, carry	-idium	Little
Addict	Devoted, compelled	Bov	Cow	Contra	Opposite, against	Fil	Thread	Ign	Fire
Adher	To stick to	Brachi	Arm	Coroll	Little crown	Filli	Fem	ile	Twisted
Adipo	fat	Brachy	Short	Corpus	Body	Filla	Daughter	Immun	Free, safe
Adventit	foreign	Branchi	Gills	Cortex	Outer part, shell	Fin	End	Incis	Cut into
Aero	Air, oxygen	Bronch	Windpipe	Costa	Rib	Flagell	Whip	Infer	Below
Aesthes	feeling	Byo	Moss	Cox	Hip	Flor, floresc	Flower, blooming	Infra	Below, beneath
Agglutin	Glued together	Bucc	Cheek, mouth	Crista	Crest, ridge	Foli	Leaf	Inter	Between, among
Agri	field	Bulim	Hunger	Crypto	Hidden	-form, formes	Having form of	Intra	Within, inside
Al	wing	Cadaver	Dead body	-cule	Small	Foss	Ditch, to dig up	Intro	Entrance
-al	Pertaining to	Caec, cec	Blind end	Cut, cuti	Skin	Frat	Brother	Ion	To go, to wander
Alb	Albino, white	Callo	Hard skin	Cyano	Blue-green	Fung	Mushroom	-ism	The process of
Ailment	food	Calor	Heat	Cyst	Capsule, sac	Galax, galacto	Milk	Iso	Equal, same
Alkalo	Basic, alkaline	cani	Dog	Cylo, cyte	Cell	Gam	Unit of sexual fusion	-itis	Inflammation
All, allo	Other, different	Capit, capit	Head	De	Take away, remove	Ganglion	Swelling, enlargement	Junct	To join
Allel	Of one another	Capill	Hair, minute tube	Decidu	To fall off	Gastro	Stomach	Juven	Youth
Alveolus	Cavity, socket	Carap	Shell, covering	Dendr	Tree	Gen	Producing, origin	Karyo	Nucleus, nut
Ambi	Both, around	Carcino	Cancer	Dent, don't	Tooth	Genitus	Born	Kerat	Horny tissue
Ambul	walk	Cardinal	Red, principal	Derm	Skin	Geo	Earth	Kin	Motion
Amoeb	change	Cardio	Heart	Di	Two	Gleno	Socket, eyeball	Labi	Lip
Amphi	Both, double	Cari	Decay	Dia	Through, across	Gluco, glyco, glycer	Sugar	Lacri	Tears, weeping
Amyl	starch	Cam	Flesh	Diem	Day	Gram	Written record	Lac, lacto	Milk
An	lack	Carp	Fruit, wrist	Diffus	Move apart	Graph	Writing	Lamell, lamin	Small, thin plate
Ana	Up, against, anew	Caryo	Nucleus of cell	Dino	Terrible, whirling	Gravi, gravid	Pregnant	Lateral	Side
Anat	To cut up	Cata	Decomposition	Diplo	Double, twofold	Gust	Taste	-let	Small
Andro	male	Caus	To bum	Dis	Apart from, negative	Gymno	Naked	Leuco, leuko	White
Angio	Vessel, seed case	Cauda	Tail	Domin	Ruling	Gyno	Woman	Lign	Wood
annu	year	Cav, cavit	Hollow	Dorm	To sleep	Habitat	To live in	Linn	Marsh, lake
Annul	ring	Cell, cellul	Small room	Dors, dorsi	Back	Halo	Salt, sea	Lingu	Tongue
Ante	Before, prior to	Cephalo	Head	Duc, duct	Lead	Haplo	Single, simple	Lipos	Fat
Anth	A flower	Cereb	Brain	Dyn	Power	Helio	Sun	Litho	Stone
Anthrop	Man, human	Cervical	Neck	Dys	Bad	Helic, helix	Spiral, coil	Littor	The seashore
Anti	Against, opposite	Cet	Whale	Echino	Spiny	Helminth	Worm	Loc, loca	Place, position
Append	Hand to, addition	Cheli, chela	Claw	Eco	Household	Hemi	Half	-logy	Study of
Aqua	Water	Chloro	Green	Ecto	Outer	Hemo, hemat, haem	Blood	Luna	Moon
Arbor, arbu	Tree	Choano	Funnel	Ectomy	Removal, cut out	Herb	Non-woody plant	-lysis	Dissolving
Archae	Ancient, first	Chromo	Color	-el, -elle	Small	Hepato	Liver	Lyso	Release, burst, destroy
Arachn	Spider	Chondr	Cartilage	Embol	Stopper, wedge	Herpeto	Reptile	Macro	Large
Arthr, arthro	Joint	Chor, chori	Membrane	-emia	Blood	Hetero	Outer, different	Mal	Bad
-ase	Enzyme	Chronos	Time	Emul	To milk	Hibern	Winter	Mandibul	Jaw
Astr	Star	Chryso	Golden	Endo	Inner, within	Hirud	Leech	Mania	Madness
Aur	Ear	Cide	Kill	Enter	Intestine	Histo	Tissue	Marsup	Purse, pouch
Aureo	golden	Cili	Hair	Entom	Insect	Holo	Whole, entire	Mastig	whip