Kelch.HG0.13, RABEPK (6 similar OGs)

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Saccoglossus kowalevskii Branchiostoma lanceolatum Ciona intestinalis Danio rerio	Laphnia puex Tibolium castaneum Drosophia melanogaster Acanthaster planci Strongylocentrotus purpuratus Plychodera flava	Consequence guero Lotta giganies Lot	Echinococus multilocularis Lingula anatina i Phoronis australis Notospermus geniculatus Heidodella robusta Geniculatus Capitella teleta ac Capitella teleta ac	Acropora dipisiliara Acropora diglillera Exariptasia palilida Nematostella vectensis Schistosoma mansoni	Tirchoplax adhaerens Morbakka virulenta Ayrelia aurita Gyfia hemisphaerica Gyfia yulgalis ilion	lethya wilheima Autoria dueenslandica Mnemiopsis leidyi	Leucosolenia complicata Sycon ciliatum Oscarella carmela Ephydatia, muelleri	Capsaspora owczarzaki Salpingoeca rosetta Monosiga brevicollis	Chromosphaera perkinsi Jehnyophonus hoferi Greolinhax fragrantissima Sphaeroforma arctica Ministeria ybrans	Neurospora crassa Schizzsacchariomyces pombe Corallochytrium limacisporum	Usiliago maydis" — Coprinopsis cinerea Cryptococcus nediomans Saccharomyces cerevisiae Tuber melanossorum	Airizopuis de lemai mana de la	Piromyces SpE2 Gonapodya prolifera Condidocius coronatus Coemansia reversa Umbeloosis ramanniana	ozella allomycis Catenaria anguliluae Catenaria anguliluae Allomyces macrogynus Spizellomyces punctatus Bartachochyrium dendrobatidis	Thecamonas trahens Fonticula alba	Hederostellum album Tieghemostellum laciteum Dictyostelium discoideum Pvasuia biforma	Planoprotostelium fungivorum Acanthamoeba castelläni Mastigamoeba balamuthi Cavenderia fasciculata	Nutromonas longa Mantamonas plastica Dphylleia rotans Rigiffa ramosa	wiadawiilolas calilolilialia Fabomonas fropica Planomonas migra Ancyromonas sigmoides	Meteora sp. Gefionella okellyi (strain 249) Malawimonas sikobiformis Malawimonas sikobiformis	Bractypodium distachyon Aquilegia coerulea Mimulus guttatus Arabidopsis thaliana	Seláginella moéllendörffii Azolla, filiculoides Salvinia cucullata Amborella trichpoda Sorobum hicolor	Klebsormidium nitens Chara braunii Marchantia polymorpha Sphagnum fallax Bhoscomitrella nateos	Caulerpá fentilifiera Ulva mutabilis Volvox carteri Chlamydomonas reinhardtii	Micromonas pusilla Ostreococcus tauri Chlorella variabilis Coccomyas subelinsoidea	Cyanidioschyzon merolae Porphyridium purpureum Porphyria umbilicalis Chondrus crispus Gracilariosis chorda	Guillardia theta Goniomonas avonlea Cyanophora paradoxa	Aureococcus anophage freens Aureococcus anophage freens	Afrantochytium Nedocianse Afrantochytium Springerine Hondaea Hemanalgiana Schrizochytium aggregatum Saprolegnia paraštika Saprolegnia paraštika Albugo laibachii	rassi enel ma c	Oxyrticha trifallax Tetrahymena thermophila Paranecum etraurella Symbodinium microadriaticum Bevolum minutum Pekirkasus sajanus	Plasmodiophora brassicae Bigelowiella natans Reticulornyxa filosa	Aguiyeriya iludikwesijik Hemimastik kukwesijik Pavlovales sp. CCMP2436 Chrysochromulina tobin Emiliana huxleyi	bouto saliaris Amoeba sp. BB2 Pharyngomonas kirbyi Naggleria gubberi Resignama multislitatum	Ackalucii (Odoča) i enikala Ackalucii (Odoča) i enikala Sygolella mbaccelata Leptomonas seymouri Leishmania majo Strigomonas culicis Strigomonas culicis	Irichomonas vaginalis Lakoba libera Lakoba bahamiensis Secullamonas sp.	Kipterlia bialata Giardia lamblia Qarpedlemonas membranifera	

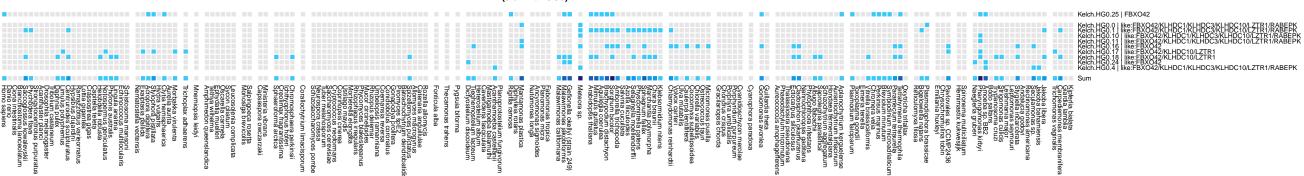
Kelch.HG0.14, KLHDC3 (5 similar OGs)

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Schistosoma mansoni Echinococcus multiocularis Inquia antiliocularis Inquia antiliocularis Noticonis australis Noticonis australis Noticonis australis Noticonis australis Noticonis australis Noticonis australis Captrella releta	Morbakta virulenta Aurella aurita Ciylia hemisphaerica Hydra Augaitsi Sylophora digittiera Acropora digittiera Acraphasa palluda Kentancisella wedersis	Mnemiopsis leidyi Trichoplax adhaerens	Leucoscipinia complicata Sycon ciliatum Oscarelia carmela Ephydatia muelleri ethya wihjelma Amphimedon queenslandica	Salpingoeca rosetta Monosiga brevicollis	Ministeria vibrans Capsaspora owczarzaki	Chromosphaera perkinsii ichtivoohonus höferi Creolimax Hagrantissima Sphaeroforma arctica	Corallochytrium limacisporum	Ustlago maydis	yces blake	Gonapodya prolitera Condiobólus coronatus Coemansia reversa Umbelopsis ramanniana Phizonic Ademor	Rozella allomyds Gatenaria arguillulae Allomyces macrogynus Spizellomyces purciatus Satrachodyrium dendrobatidis Piromyces SbEz	Fonticula alba	Pygsuia biforma	Planoptotoslelium fungivorum Acanthamoeba osselliani Mastigamoeba balamuthi Garenderia bisoudiata Heerostelium albuma Heghenostelium album Dictyostelium disoudeum	Mantamonas plastica Diphylleia rotans Rigifila ramosa	Fabomonas tropica Planomonas micra Ancyromonas sigmoides Nutómonas longa	Gefionella okellyi (strain 249) Malawimonas jakobiformis Malawimonas californiana	Meteora sp.	Amborella (trichopoda Sorghum bicolo Bračhypodium distachyon Aguilegia ccerulea Mimulus guttatus Arabidopsis thaliana	Sphagnum faliax Sphagnum falia	80	Chiorelia variabilis; Coccomyxa subbelipsoidea Caulerpa lentilitera Ulva mutabilis Volvox carteri Chiamytomonas reinhardtii	Ostreogogous fauri

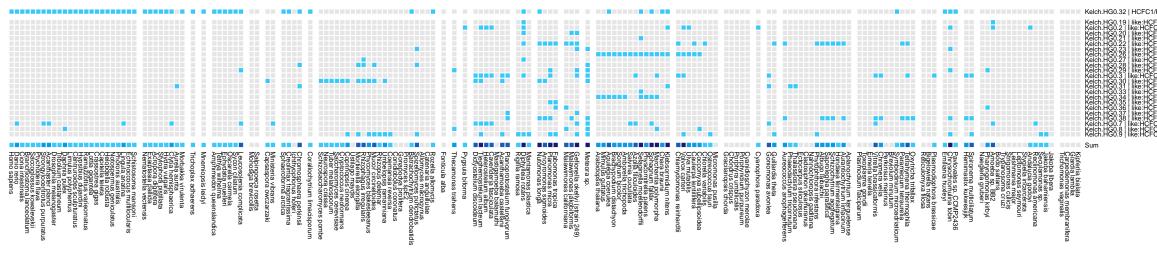
Kelch.HG0.15, KLHDC1 (5 similar OGs)

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Amphimedon queensiandra Ameniopsis leidyi Trichoplax adhaerens Modhakka yirulenla Modhaka yir	Mucofi cirichel joides Phycomycas la blasapeanus Mycoromycas la blasapeanus Mycoromycas la blasapeanus Mycoromycas la blasapeanus Mycoromycas Saltago maydis Ministeria vibrants Saltago a roseatzaki Saltago a	Walawimoras targurums Malawimoras targurums Fabomonas tropica Fabomonas tropica Paromonas miser Paromonas miser Paromonas piastica Paromonas piastica Mantamonas piastica Rigiliai ramosa Paroporocastilium fungivorum Acamtamoeba castellarii Mastigamoeba taetamuth Mastigamoeba	Author of the control	Signeria biajata (Garda) lambila membrantiera Christolia biajata (Garda) lambila membrantiera Christolia membrantiera Christolia membrantiera Christolia membrantiera del controlia del

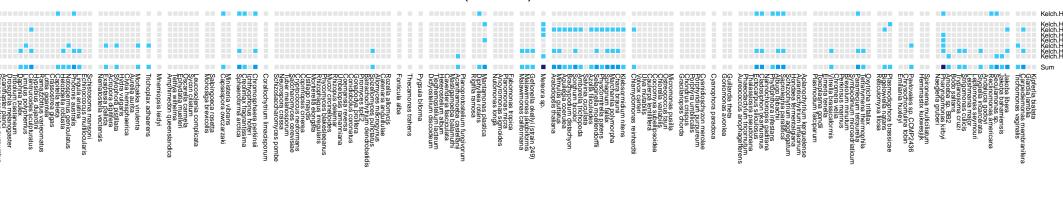
Kelch.HG0.25, FBXO42 (9 similar OGs)



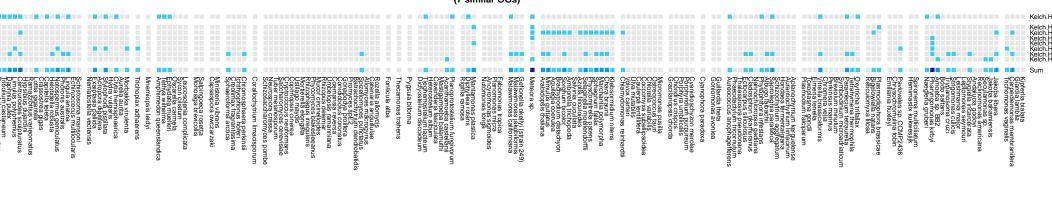
Kelch.HG0.32, HCFC1/HCFC2 (22 similar OGs)



Kelch.HG0.5, KLHDC10 (7 similar OGs)



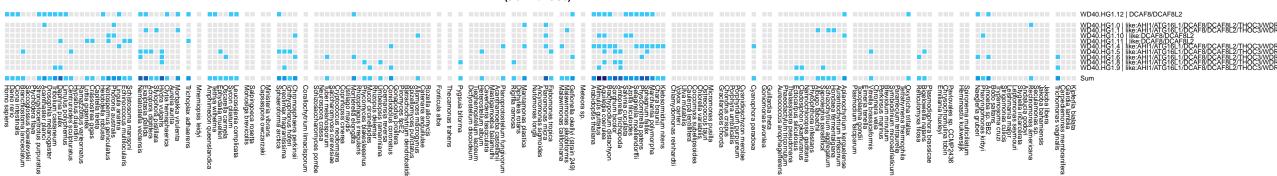
Kelch.HG0.6, LZTR1 (7 similar OGs)



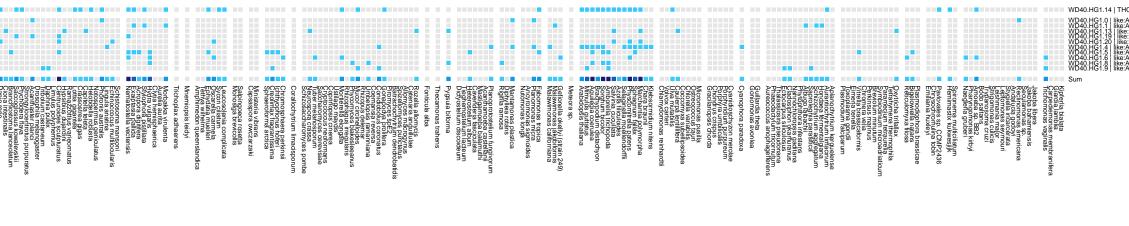
WD40.HG0.7, RBBP5 (7 similar OGs)

		WP40-II-G0.1 like: RBBP5 WP40-II-G0.1 like: RBBP5 WP40-II-G0.4 like: RB
Corallocityrium innasisporum Chromosphena perkinisi Cathinoprionus hoferi. Credinas riaganissima Sphearoformas riaganissima Sphearoformas riaganissima Sphearoformas riaganissima Sphearoformas riaganissima Sphearoformas riaganissima Sphearoformas riaganissima Capasaspora owezarzaki Sabinopera reasima Leucospienia complicata Capasaspora owezarzaki Sabinopera riaganis Ephydatia multala Ephydatia multala Ephydatia multala Ephydatia multala Ephydatia multala Aurelia aurital Aurelia auritala Aurelia aurelia Aurelia auritala Aurelia	Cocionny as subidiposoidea Caulerina lenditudis Uyla mutabilis Chlamydorien as reinhardti Keleb sormidium niters (Margarien and hymorpha Physsormidum niters (Margarien and hymorpha Physsormidum niters (Margarien and hymorpha Physsormidum la patens Sedangumi fallax Sedangumi fal	Signeria bialata Gardid ambita

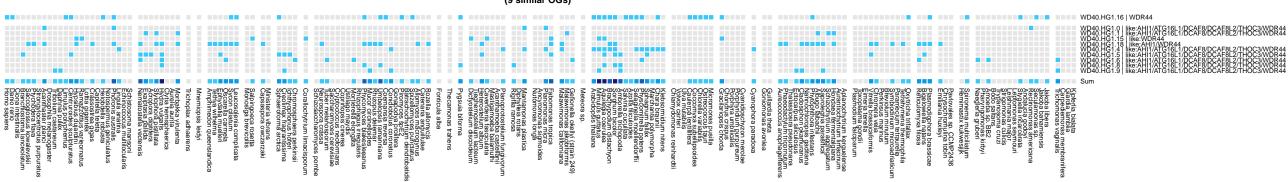
WD40.HG1.12, DCAF8/DCAF8L2 (9 similar OGs)



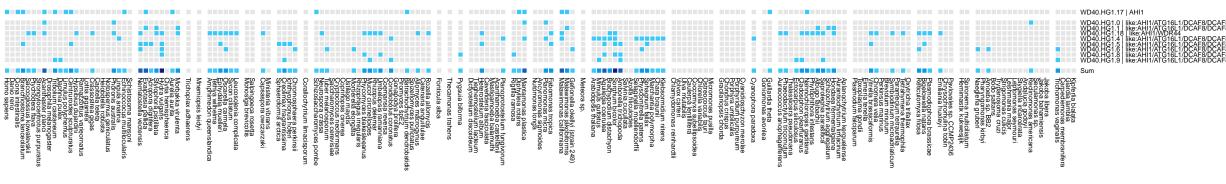
WD40.HG1.14, THOC3 (10 similar OGs)



WD40.HG1.16, WDR44 (9 similar OGs)



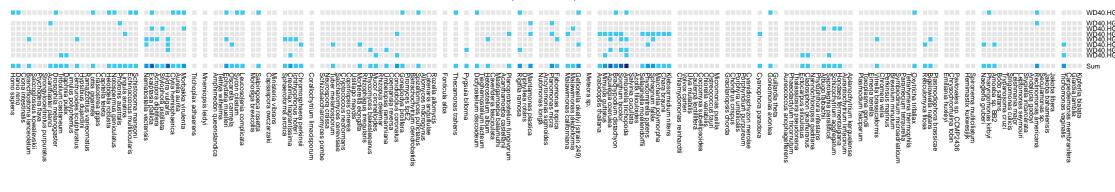
WD40.HG1.17, AHI1 (8 similar OGs)



WD40.HG1.3, WDR82 (3 similar OGs)

(Communicate)																										
																										WD40.HG1.3 WDR82
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Edinipozocus militiocularis Lingula anatina, Photronis australis Volosparinus peincularus Volosparinus peincularus Volosparinus peincularus Caphtelia lei elea sa la Crassostrea (glas a- Crassostrea	Morbakka virulenta Aurelia auria Chyla themisphaerica Hydra vulgatsillata Edopora dyllilera Edopora dyllilera Nembassi Palvestesis Nembassi Palvestesis	Sivoon ciliatum Oscarella carrinela Ebnyadata muellen Teithya withelma Amphimedon queenslandica Mnemiopsis leidyi Ticipoolax adhaerens	willisteria viurans Capsasporia weczarzaki Salpingoeca rosetta Monostiga brevicollis Laurosolenia comolioata	Corainosphyrium irmadisporum Chromosphyrium irmadisporum Chromosphane nd perkinsii Jehityophonus hderi Creolimax fragrantissima Sphaerdoma arctica	will interior brighand Cettago maydis e ro- Cettago	Condidoklus coronatus Coemansia reversas Umbelossis ramanniana Rhizoplus deleman Mucor torcinelloides Phycomyces blakesleeanus Rhizophägus irregularis	Rozella allomycis Cateriaria angluillube Cateriaria angluillube Allomyces madrogynus Spizaliomyces pundatus Barrachochyrium dendrobatidis Barrachochyrium dendrobatidis Piromyces \$PE2 Piromyces \$PE2 Sponapodya profilera	rygsula birorma Thecamonas trahens Fonticula alba	Parioprocesseilum Turglyojum Azarihamoeba sateilänii Mastigamoeba balamuthi Caverdenia tasoculata Heterosteilum album Tleghemosteilum lacteum Tleghemosteilum discoideum	Mantamonas plastica Ophylleia rotaris Rigifila ramosa	Malawii Torias Galliorinaria Fabomonas tropica Planomonas micra Ancyromonas sigmoides Nitrimonas Iongamoides	Meteora sp. Gefionella okellyi (strain 249) Malawimonas jakobiformis Malawimonas jakobiformis	Physiconi riella patens Selaginella moellendorffi Azolla filiculoides Salvina cucultata Sendoriala fricipopoda Sendoriala fricipopoda Beaghippodium disachyon Majuligia coerulea Minulus guttatus Minulus guttatus	Chlamydomonas reinhardtii Klebsomidium nitens Chara braunii Marchaniia polymorpha	Micromonas pusilla Ostrieococous tauri Chiorella variatija Coccomyas subellipsoidea Cauterpa lenilifera Ulya mutabilis	Ovanidoschyzon merolae Forphyridium purpureum Porphyra umbilitællis Chondrus crispus Gracilariopsis chorda	Guillardia theta Goniomonas avonlea Cyanophora paradoxa	i-hordese i fermentalgiaria Schizzodyritum aggregatum Schizzodyritum aggregatum Abiugo lähachii il- Whothitiona intestans Umobartiona sa gadidan Gamoothionopas gadidan Gamoothionopas gadidan Gamoothionopas gadidan Gamoothionopas gadidan Gamoothionopas gadidan Jedasatkoina pesuputonana Tinalassiosiria pesuputonana Tinalassiosiria pesuputonana Tinalassiosiria pesuputonana Aureococosa anophrageffeens	Toxoplasma gondii Plasmodium Taloparum Plasmodium Taloparum Plasmodiyirium kerguelense Aurantjochvtrium limacinum	le felahymena thermophila Paramecium tertaurelia Paramecium microadriaticum Beynblodinum microadriaticum Bekrisus marinus Perkinsus marinus Chomera veila Chomera veila Lineira tenella	Plasmodiophora brassicae Bigelowiella natans Réticulomyxa filosa Oxviricha tifallax	Sprionema multiciliagum Hemimastix kukwes jik Pavlovales sp. CCMP2436 Chryscothomulina tobin Emiliana huxleya	Trybanosoma cinus Trybanosoma cinus Bodo saltans Amoeba sp. BB2 Pharyngomonas kirbyi Naedleria gruberi	Jakoba libera Jakoba libera Jakoba kahamiensis Seculamonas sp. Regimonas sp. Andalucia godoyi Syygelial inčarcetara Legomonas spirosi	Kipferlia bialata Giardia lamblia Carpediemonas membranifera Trichomonas vaginalis	

WD40.HG1.7, ATG16L1 (7 similar OGs)



WD40.HG2.1, WDR5/WDR5B (1 similar OGs)

WD40.HG2.1 | WDR5MDR5B

WD40.HG2.0 | like:WDR5/WDR5B Sum

WD40.HG3.0, EED (5 similar OGs)

Schietosoma mansoni Echipococus manistri Ingula anatina multiboularis Ingula anatina multiboularis Ingula anatina multiboularis Ingula anatina multiboularis Ingula anatina usa geniculatus Leipoligia polistria Leipoligia Leipolig	Incriopiax admaterens Morbajkka virulenia Aurelia aruriha Aur	Mnemiopsis leidyi	Leucosolenia complicata Sycon Cilatum Oscarelia campila Ephydatia muelleri lethya wilhelma Amphimedon queenslandica	Salpingoeca rosetta Monosiga brevicollis	Ministeria vibrans Capsaspora owczarzaki	Chromosphaera perkinsii Ichthyophonus hoden Cheolimax fragrantissima Sphaeroforma arctica	Corallochytrium limacisporum	Pygsuia biforma

zf-C2H2.HG0.4, ZNF335 (5 similar OGs)

Cristosoma mansoni chinosomora multicoularis chinosomora multicoularis chinosomora multicoularis horiospermus geniculatus elicopella poblista elicopella poblista elicopella poblista elicopella poblista cristospermus geniculatus elicopella poblista principi poblista politica multipoper politica elicopella melanogaste prosophila melanogaste prodoporatione purpuratus elicopella politica politica prodoporatione purpuratus elicopella politica elicopella elicopella politica elicopella po	Tichoplax adherens Mohaka virulenta Aurollak virulenta Aurollak virulenta Cytia hemishaerica Cytia hemishaer	Nonosiga brevicolis Leucosignila complicata Spicon calina municata Oscarella carmela Ephydatia muelleri Teltriya wilherina Teltriya wilherina Amphimedon queensandica	Ministeria vibrans Capsaspora owczarzaki Salpingoeça rosetta	nytrium sphaer honus x fragi forma	#####################################	Pygsuia biforma The camonas trahens Fonticula alba	Panoprotosteilum fungivorum Acanthamoeba castellani Mastigamoeba talamuthi Caverideria fasciculata Teletrostelium alorebum Dotyostelium discoldaum Dotyostelium discoldaum	Fabornons tropica Planomonas Incia Ancyromonas Sigmoides Nutrimonas longa Mantamonas plassica Diptyfleia rotans	Meteora sp. Gefionella okellyi (strain 249) Malawimonas jakobitormis Malawimonas californiana	Cybessymboth men's Menchania polympha Sphagum fallax PhysSonitrella jatenens Selag mela modelendorffii Schlar litculolles Schlar litculolles Barbysolum disaarhyon Aguilega coenies Aguilega coenies Aguilega coenies Aguilega coenies Aguilega coenies Aguilega coenies

zf-C2H2.HG1.0, AEBP2

(0 similar OGs)

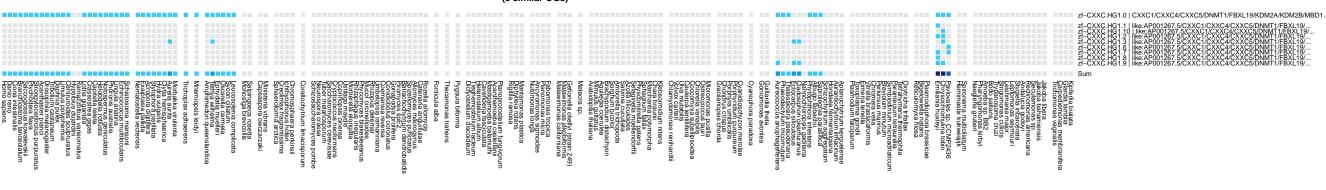
zf-C2H2.HG1.0 | AEBP2

zf-C2H2.HG1.1, GLI1/GLI3/GLIS1/GLIS3

(0 similar OGs)

zf-C2H2.HG1.1 | GL11/GL13/GLIS1

zf-CXXC.HG1.0, CXXC1/CXXC4/CXXC5/DNMT1/FBXL19/KDM2A/KDM2B/MBD1/TET1/TET3 (8 similar OGs)



zf-CXXC.HG1.5, AP001267.5/KMT2A/KMT2B (9 similar OGs)

