Output of script Panda openen csv

row\_nr 1  
Protein Name AM10699\_20050  
EC# NaN  
Organism Acaryochloris marina MBIC10699  
GenBank BDM79137.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 0, dtype: object

row\_nr 2  
Protein Name AM1\_5358  
EC# NaN  
Organism Acaryochloris marina MBIC11017  
GenBank ABW30314.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 1, dtype: object

row\_nr 3  
Protein Name I1H34\_10145  
EC# NaN  
Organism Acaryochloris marina S15  
GenBank QUY45156.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 2, dtype: object

row\_nr 4  
Protein Name HRE53\_22875  
EC# NaN  
Organism Acaryochloris sp. Moss Beach  
GenBank UJB72164.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 3, dtype: object

row\_nr 5  
Protein Name BW247\_13515  
EC# NaN  
Organism Acidihalobacter ferrooxydans V8  
GenBank APZ43983.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 4, dtype: object

row\_nr 6  
Protein Name BI364\_12810  
EC# NaN  
Organism Acidihalobacter prosperus F5  
GenBank AOU98726.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 5, dtype: object

row\_nr 7  
Protein Name BJI67\_11620  
EC# NaN  
Organism Acidihalobacter prosperus V6  
GenBank AOV18598.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 6, dtype: object

row\_nr 8  
Protein Name GCD22\_01374 (InvB) (fragment)  
EC# NaN  
Organism Acidithiobacillus thiooxidans ATCC 19377  
GenBank QFX95745.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 7, dtype: object

row\_nr 9  
Protein Name Mic7113\_1705  
EC# NaN  
Organism Allocoleopsis franciscana PCC 7113  
GenBank AFZ17568.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 8, dtype: object

row\_nr 10  
Protein Name Mic7113\_2196  
EC# NaN  
Organism Allocoleopsis franciscana PCC 7113  
GenBank AFZ18010.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 9, dtype: object

row\_nr 11  
Protein Name Anacy\_4286  
EC# NaN  
Organism Anabaena cylindrica PCC 7122  
GenBank AFZ59650.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 10, dtype: object

row\_nr 12  
Protein Name Anacy\_4285  
EC# NaN  
Organism Anabaena cylindrica PCC 7122  
GenBank AFZ59649.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 11, dtype: object

row\_nr 13  
Protein Name NIES19\_25570  
EC# NaN  
Organism Anabaena cylindrica PCC 7122 NIES-19  
GenBank BAY03304.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 12, dtype: object

row\_nr 14  
Protein Name NIES19\_25580  
EC# NaN  
Organism Anabaena cylindrica PCC 7122 NIES-19  
GenBank BAY03305.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 13, dtype: object

row\_nr 15  
Protein Name ANA\_C12319  
EC# NaN  
Organism Anabaena sp. 90  
GenBank AFW95054.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 14, dtype: object

row\_nr 16  
Protein Name AA650\_03770  
EC# NaN  
Organism Anabaena sp. wa102  
GenBank ALB39698.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 15, dtype: object

row\_nr 17  
Protein Name EH233\_22395  
EC# NaN  
Organism Anabaena sp. YBS01  
GenBank QFZ14544.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 16, dtype: object

row\_nr 18  
Protein Name NIES21\_04830  
EC# NaN  
Organism Anabaenopsis circularis NIES-21  
GenBank BAY14725.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 17, dtype: object

row\_nr 19  
Protein Name NIES21\_04840  
EC# NaN  
Organism Anabaenopsis circularis NIES-21  
GenBank BAY14726.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 18, dtype: object

row\_nr 20  
Protein Name IM676\_06995  
EC# NaN  
Organism Anabaenopsis elenkinii CCIBt3563  
GenBank QOV24010.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 19, dtype: object

row\_nr 21  
Protein Name IM676\_06990  
EC# NaN  
Organism Anabaenopsis elenkinii CCIBt3563  
GenBank QOV24009.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 20, dtype: object

row\_nr 22  
Protein Name HEQ12\_16135  
EC# NaN  
Organism Aphanizomenon flos-aquae DEX188  
GenBank QSV68290.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 21, dtype: object

row\_nr 23  
Protein Name HEQ20\_02825  
EC# NaN  
Organism Aphanizomenon flos-aquae KM1D3\_PB  
GenBank QSV69876.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 22, dtype: object

row\_nr 24  
Protein Name NIES50\_15230  
EC# NaN  
Organism Aulosira laxa NIES-50  
GenBank BAZ72965.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 23, dtype: object

row\_nr 25  
Protein Name NIES50\_15220  
EC# NaN  
Organism Aulosira laxa NIES-50  
GenBank BAZ72964.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 24, dtype: object

row\_nr 26  
Protein Name DP113\_30190  
EC# NaN  
Organism Brasilonema octagenarum UFV-E1  
GenBank QDL17953.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 25, dtype: object

row\_nr 27  
Protein Name DP113\_01515 (fragment)  
EC# NaN  
Organism Brasilonema octagenarum UFV-E1  
GenBank QDL13133.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 26, dtype: object

row\_nr 28  
Protein Name DP114\_30035  
EC# NaN  
Organism Brasilonema sennae CENA114  
GenBank QDL11575.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 27, dtype: object

row\_nr 29  
Protein Name DP114\_01525 (fragment)  
EC# NaN  
Organism Brasilonema sennae CENA114  
GenBank QDL06764.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 28, dtype: object

row\_nr 30  
Protein Name NIES22\_23510  
EC# NaN  
Organism Calothrix brevissima NIES-22  
GenBank BAY62279.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 29, dtype: object

row\_nr 31  
Protein Name NIES267\_43140  
EC# NaN  
Organism Calothrix parasitica NIES-267  
GenBank BAY84817.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 30, dtype: object

row\_nr 32  
Protein Name NIES267\_41980  
EC# NaN  
Organism Calothrix parasitica NIES-267  
GenBank BAY84702.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 31, dtype: object

row\_nr 33  
Protein Name NIES267\_23810  
EC# NaN  
Organism Calothrix parasitica NIES-267  
GenBank BAY82896.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 32, dtype: object

row\_nr 34  
Protein Name IJ00\_05055  
EC# NaN  
Organism Calothrix sp. 336/3  
GenBank AKG20764.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 33, dtype: object

row\_nr 35  
Protein Name NIES2098\_25540  
EC# NaN  
Organism Calothrix sp. NIES-2098  
GenBank BAY09392.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 34, dtype: object

row\_nr 36  
Protein Name NIES2098\_27970  
EC# NaN  
Organism Calothrix sp. NIES-2098  
GenBank BAY09634.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 35, dtype: object

row\_nr 37  
Protein Name NIES2098\_27960  
EC# NaN  
Organism Calothrix sp. NIES-2098  
GenBank BAY09633.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 36, dtype: object

row\_nr 38  
Protein Name NIES2100\_45350  
EC# NaN  
Organism Calothrix sp. NIES-2100  
GenBank BAY24738.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 37, dtype: object

row\_nr 39  
Protein Name NIES2100\_45340  
EC# NaN  
Organism Calothrix sp. NIES-2100  
GenBank BAY24737.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 38, dtype: object

row\_nr 40  
Protein Name NIES3974\_42050  
EC# NaN  
Organism Calothrix sp. NIES-3974  
GenBank BAZ07541.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 39, dtype: object

row\_nr 41  
Protein Name NIES3974\_41100  
EC# NaN  
Organism Calothrix sp. NIES-3974  
GenBank BAZ07447.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 40, dtype: object

row\_nr 42  
Protein Name NIES4071\_34900  
EC# NaN  
Organism Calothrix sp. NIES-4071  
GenBank BAZ11664.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 41, dtype: object

row\_nr 43  
Protein Name NIES4071\_90780  
EC# NaN  
Organism Calothrix sp. NIES-4071  
GenBank BAZ17200.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 42, dtype: object

row\_nr 44  
Protein Name NIES4071\_69720  
EC# NaN  
Organism Calothrix sp. NIES-4071  
GenBank BAZ15102.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 43, dtype: object

row\_nr 45  
Protein Name NIES4071\_08770  
EC# NaN  
Organism Calothrix sp. NIES-4071  
GenBank BAZ09071.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 44, dtype: object

row\_nr 46  
Protein Name NIES4101\_50350  
EC# NaN  
Organism Calothrix sp. NIES-4101  
GenBank BAZ39083.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 45, dtype: object

row\_nr 47  
Protein Name NIES4101\_37130  
EC# NaN  
Organism Calothrix sp. NIES-4101  
GenBank BAZ37790.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 46, dtype: object

row\_nr 48  
Protein Name NIES4105\_69670  
EC# NaN  
Organism Calothrix sp. NIES-4105  
GenBank BAZ61249.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 47, dtype: object

row\_nr 49  
Protein Name NIES4105\_34830  
EC# NaN  
Organism Calothrix sp. NIES-4105  
GenBank BAZ57809.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 48, dtype: object

row\_nr 50  
Protein Name NIES4105\_08730  
EC# NaN  
Organism Calothrix sp. NIES-4105  
GenBank BAZ55219.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 49, dtype: object

row\_nr 51  
Protein Name NIES4105\_90710  
EC# NaN  
Organism Calothrix sp. NIES-4105  
GenBank BAZ63345.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 50, dtype: object

row\_nr 52  
Protein Name Cal6303\_1384  
EC# NaN  
Organism Calothrix sp. PCC 6303  
GenBank AFZ00437.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 51, dtype: object

row\_nr 53  
Protein Name Cal7507\_6025  
EC# NaN  
Organism Calothrix sp. PCC 7507  
GenBank AFY36332.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 52, dtype: object

row\_nr 54  
Protein Name CAL7716\_022150  
EC# NaN  
Organism Calothrix sp. PCC 7716  
GenBank BDA68049.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 53, dtype: object

row\_nr 55  
Protein Name CAL7716\_097270  
EC# NaN  
Organism Calothrix sp. PCC 7716  
GenBank BDA75561.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 54, dtype: object

row\_nr 56  
Protein Name CAL7716\_097530  
EC# NaN  
Organism Calothrix sp. PCC 7716  
GenBank BDA75587.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 55, dtype: object

row\_nr 57  
Protein Name NIES4102\_21190  
EC# NaN  
Organism Chondrocystis sp. NIES-4102  
GenBank BAZ45102.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 56, dtype: object

row\_nr 58  
Protein Name M5J74\_20120 (fragment)  
EC# NaN  
Organism Chroococcidiopsis sp. CCNUC1  
GenBank URD48630.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 57, dtype: object

row\_nr 59  
Protein Name M5J74\_22220 (fragment)  
EC# NaN  
Organism Chroococcidiopsis sp. CCNUC1  
GenBank URD49032.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 58, dtype: object

row\_nr 60  
Protein Name M5J74\_05250  
EC# NaN  
Organism Chroococcidiopsis sp. CCNUC1  
GenBank URD51392.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 59, dtype: object

row\_nr 61  
Protein Name Chro\_4248  
EC# NaN  
Organism Chroococcidiopsis thermalis PCC 7203  
GenBank AFY89648.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 60, dtype: object

row\_nr 62  
Protein Name Chro\_0977  
EC# NaN  
Organism Chroococcidiopsis thermalis PCC 7203  
GenBank AFY86511.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 61, dtype: object

row\_nr 63  
Protein Name Cri9333\_4050 (fragment)  
EC# NaN  
Organism Crinalium epipsammum PCC 9333  
GenBank AFZ14855.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 62, dtype: object

row\_nr 64  
Protein Name CBM981\_1763  
EC# NaN  
Organism Cyanobium sp. NIES-981  
GenBank SBO43462.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 63, dtype: object

row\_nr 65  
Protein Name CyaNS01\_02461  
EC# NaN  
Organism Cyanobium sp. NS01  
GenBank QNI71570.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 64, dtype: object

row\_nr 66  
Protein Name IAR63\_09120  
EC# NaN  
Organism Cylindrospermopsis curvispora GIHE-G1  
GenBank QNP28117.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 65, dtype: object

row\_nr 67  
Protein Name C6N34\_011635  
EC# NaN  
Organism Cylindrospermopsis raciborskii Cr2010  
GenBank UJL32817.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 66, dtype: object

row\_nr 68  
Protein Name L3I90\_03210  
EC# NaN  
Organism Cylindrospermopsis raciborskii KLL07  
GenBank UJS05276.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 67, dtype: object

row\_nr 69  
Protein Name NIES4074\_51830  
EC# NaN  
Organism Cylindrospermum sp. NIES-4074  
GenBank BAZ32677.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 68, dtype: object

row\_nr 70  
Protein Name Cylst\_2684  
EC# NaN  
Organism Cylindrospermum stagnale PCC 7417  
GenBank AFZ24883.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 69, dtype: object

row\_nr 71  
Protein Name NIES806\_36730  
EC# NaN  
Organism Dolichospermum compactum NIES-806  
GenBank BAZ87450.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 70, dtype: object

row\_nr 72  
Protein Name HGD76\_16290  
EC# NaN  
Organism Dolichospermum flos-aquae CCAP 1403/13F  
GenBank QJB45498.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 71, dtype: object

row\_nr 73  
Protein Name NG743\_09875  
EC# NaN  
Organism Dolichospermum heterosporum TAC447 NIES-1697  
GenBank UUO17261.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 72, dtype: object

row\_nr 74  
Protein Name HEQ26\_01255  
EC# NaN  
Organism Dolichospermum sp. DL01  
GenBank QSV61585.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 73, dtype: object

row\_nr 75  
Protein Name HEQ29\_09955  
EC# NaN  
Organism Dolichospermum sp. LBC05a  
GenBank QSV58635.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 74, dtype: object

row\_nr 76  
Protein Name BMF77\_00371  
EC# NaN  
Organism Dolichospermum sp. UHCC 0315A  
GenBank QEI39818.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 75, dtype: object

row\_nr 77  
Protein Name HEP80\_16160  
EC# NaN  
Organism Dolichospermum sp. UKL201  
GenBank QSV55184.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 76, dtype: object

row\_nr 78  
Protein Name ECTOBSL9\_1500  
EC# NaN  
Organism Ectothiorhodospira sp. BSL-9  
GenBank ANB02175.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 77, dtype: object

row\_nr 79  
Protein Name FIS3754\_48520  
EC# NaN  
Organism Fischerella sp. NIES-3754  
GenBank BAU08893.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 78, dtype: object

row\_nr 80  
Protein Name NIES4106\_38130  
EC# NaN  
Organism Fischerella sp. NIES-4106  
GenBank BAZ69044.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 79, dtype: object

row\_nr 81  
Protein Name GEI7407\_3667  
EC# NaN  
Organism Geitlerinema sp. PCC 7407  
GenBank AFY68134.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 80, dtype: object

row\_nr 82  
Protein Name M1B72\_12165  
EC# NaN  
Organism Geomonas paludis RG22  
GenBank UPU34205.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 81, dtype: object

row\_nr 83  
Protein Name GURASL\_27080 (fragment)  
EC# NaN  
Organism Geotalea uraniireducens NIT-SL11  
GenBank BDV43785.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 82, dtype: object

row\_nr 84  
Protein Name GKIL\_3032  
EC# NaN  
Organism Gloeobacter kilaueensis JS1  
GenBank AGY59278.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 83, dtype: object

row\_nr 85  
Protein Name Glo7428\_3473  
EC# NaN  
Organism Gloeocapsa sp. PCC 7428  
GenBank AFZ31946.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 84, dtype: object

row\_nr 86  
Protein Name P0S91\_01105  
EC# NaN  
Organism Gloeocapsopsis dulcis AAB1  
GenBank WNN89726.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 85, dtype: object

row\_nr 87  
Protein Name PCC7424\_2774  
EC# NaN  
Organism Gloeothece citriformis PCC 7424  
GenBank ACK71184.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 86, dtype: object

row\_nr 88  
Protein Name Cyan7822\_5415  
EC# NaN  
Organism Gloeothece verrucosa PCC 7822  
GenBank ADN17291.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 87, dtype: object

row\_nr 89  
Protein Name GM160\_01000  
EC# NaN  
Organism Guyparkeria halophila sp2  
GenBank QGT77572.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 88, dtype: object

row\_nr 90  
Protein Name M911\_07510  
EC# NaN  
Organism Halorhodospira halochloris str. A  
GenBank AHK79028.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 89, dtype: object

row\_nr 91  
Protein Name Hneap\_0226  
EC# NaN  
Organism Halothiobacillus neapolitanus c2  
GenBank ACX95089.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 90, dtype: object

row\_nr 92  
Protein Name A9404\_10350  
EC# NaN  
Organism Halothiobacillus sp. LS2  
GenBank ANJ67722.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 91, dtype: object

row\_nr 93  
Protein Name QI031\_04760  
EC# NaN  
Organism Halotia branconii CENA392  
GenBank WGV26821.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 92, dtype: object

row\_nr 94  
Protein Name QI031\_14695  
EC# NaN  
Organism Halotia branconii CENA392  
GenBank WGV28628.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 93, dtype: object

row\_nr 95  
Protein Name QI031\_04755  
EC# NaN  
Organism Halotia branconii CENA392  
GenBank WGV26820.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 94, dtype: object

row\_nr 96  
Protein Name K9N68\_07960  
EC# NaN  
Organism Kovacikia minuta CCNU0001  
GenBank UBF27829.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 95, dtype: object

row\_nr 97  
Protein Name K9N68\_10585  
EC# NaN  
Organism Kovacikia minuta CCNU0001  
GenBank UBF28280.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 96, dtype: object

row\_nr 98  
Protein Name K9N68\_21155  
EC# NaN  
Organism Kovacikia minuta CCNU0001  
GenBank UBF24214.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 97, dtype: object

row\_nr 99  
Protein Name KIK02\_15360  
EC# NaN  
Organism Leptodesmis sichuanensis A121  
GenBank UIE36429.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 98, dtype: object

row\_nr 100  
Protein Name KIK02\_10630  
EC# NaN  
Organism Leptodesmis sichuanensis A121  
GenBank UIE39958.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 99, dtype: object

row\_nr 101  
Protein Name Q2T42\_09105  
EC# NaN  
Organism Leptolyngbya boryana CZ1  
GenBank WNZ47989.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 100, dtype: object

row\_nr 102  
Protein Name Q2T42\_20475  
EC# NaN  
Organism Leptolyngbya boryana CZ1  
GenBank WNZ44206.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 101, dtype: object

row\_nr 103  
Protein Name LBDG\_11280  
EC# NaN  
Organism Leptolyngbya boryana dg5  
GenBank BAS61570.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 102, dtype: object

row\_nr 104  
Protein Name LBDG\_28200  
EC# NaN  
Organism Leptolyngbya boryana dg5  
GenBank BAS63241.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 103, dtype: object

row\_nr 105  
Protein Name LBWT\_28200  
EC# NaN  
Organism Leptolyngbya boryana IAM M-101  
GenBank BAS56893.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 104, dtype: object

row\_nr 106  
Protein Name LBWT\_11280  
EC# NaN  
Organism Leptolyngbya boryana IAM M-101  
GenBank BAS55222.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 105, dtype: object

row\_nr 107  
Protein Name MCP04\_27325  
EC# NaN  
Organism Leptolyngbya boryana IU 594  
GenBank ULP29697.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 106, dtype: object

row\_nr 108  
Protein Name MCP04\_18850  
EC# NaN  
Organism Leptolyngbya boryana IU 594  
GenBank ULP28060.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 107, dtype: object

row\_nr 109  
Protein Name NIES2135\_55100  
EC# NaN  
Organism Leptolyngbya boryana NIES-2135  
GenBank BAY58637.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 108, dtype: object

row\_nr 110  
Protein Name NIES2135\_37850  
EC# NaN  
Organism Leptolyngbya boryana NIES-2135  
GenBank BAY56923.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 109, dtype: object

row\_nr 111  
Protein Name LEP3755\_03690  
EC# NaN  
Organism Leptolyngbya sp. NIES-3755  
GenBank BAU09893.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 110, dtype: object

row\_nr 112  
Protein Name O77CONTIG1\_00781  
EC# NaN  
Organism Leptolyngbya sp. O-77  
GenBank BAU40974.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 111, dtype: object

row\_nr 113  
Protein Name J5X98\_16925 (fragment)  
EC# NaN  
Organism Leptothermofonsia sichuanensis E412  
GenBank QZZ23621.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 112, dtype: object

row\_nr 114  
Protein Name J5X98\_18490  
EC# NaN  
Organism Leptothermofonsia sichuanensis E412  
GenBank QZZ19360.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 113, dtype: object

row\_nr 115  
Protein Name J5X98\_18680 (fragment)  
EC# NaN  
Organism Leptothermofonsia sichuanensis E412  
GenBank QZZ19391.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 114, dtype: object

row\_nr 116  
Protein Name NIES3275\_51490  
EC# NaN  
Organism Microchaete diplosiphon NIES-3275  
GenBank BAY93112.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 115, dtype: object

row\_nr 117  
Protein Name NIES3275\_51500  
EC# NaN  
Organism Microchaete diplosiphon NIES-3275  
GenBank BAY93113.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 116, dtype: object

row\_nr 118  
Protein Name BJP36\_18525  
EC# NaN  
Organism Moorena producens JHB  
GenBank AOY84750.1AOY84750.2  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 117, dtype: object

row\_nr 119  
Protein Name BJP34\_18300  
EC# NaN  
Organism Moorena producens PAL-8-15-08-1  
GenBank AOX04387.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 118, dtype: object

row\_nr 120  
Protein Name NSPWAT\_0296  
EC# NaN  
Organism Nitrospina watsonii 347  
GenBank CAI2717155.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 119, dtype: object

row\_nr 121  
Protein Name BDGGKGIB\_02548  
EC# NaN  
Organism Nodularia sphaerocarpa UHCC 0038  
GenBank ULP72896.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 120, dtype: object

row\_nr 122  
Protein Name BDGGKGIB\_04298  
EC# NaN  
Organism Nodularia sphaerocarpa UHCC 0038  
GenBank ULP74629.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 121, dtype: object

row\_nr 123  
Protein Name BDGGKGIB\_02547  
EC# NaN  
Organism Nodularia sphaerocarpa UHCC 0038  
GenBank ULP72895.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 122, dtype: object

row\_nr 124  
Protein Name NSP\_44640  
EC# NaN  
Organism Nodularia spumigena CCY9414  
GenBank AHJ30761.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 123, dtype: object

row\_nr 125  
Protein Name NSP\_44650  
EC# NaN  
Organism Nodularia spumigena CCY9414  
GenBank AHJ30762.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 124, dtype: object

row\_nr 126  
Protein Name BMF81\_01650  
EC# NaN  
Organism Nodularia spumigena UHCC 0039  
GenBank AVZ30282.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 125, dtype: object

row\_nr 127  
Protein Name BMF81\_01649  
EC# NaN  
Organism Nodularia spumigena UHCC 0039  
GenBank AVZ30281.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 126, dtype: object

row\_nr 128  
Protein Name Aazo\_4707  
EC# NaN  
Organism Nostoc azollae 0708  
GenBank ADI65910.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 127, dtype: object

row\_nr 129  
Protein Name NIES2107\_00760  
EC# NaN  
Organism Nostoc carneum NIES-2107  
GenBank BAY28252.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 128, dtype: object

row\_nr 130  
Protein Name NIES2107\_57270  
EC# NaN  
Organism Nostoc carneum NIES-2107  
GenBank BAY33825.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 129, dtype: object

row\_nr 131  
Protein Name NIES2107\_57260  
EC# NaN  
Organism Nostoc carneum NIES-2107  
GenBank BAY33824.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 130, dtype: object

row\_nr 132  
Protein Name ANSO36C\_57110  
EC# NaN  
Organism Nostoc cf. commune SO-36  
GenBank BDI19909.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 131, dtype: object

row\_nr 133  
Protein Name ANSO36C\_55340  
EC# NaN  
Organism Nostoc cf. commune SO-36  
GenBank BDI19732.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 132, dtype: object

row\_nr 134  
Protein Name NIES4070\_62340  
EC# NaN  
Organism Nostoc commune HK-02 NIES-4070  
GenBank BBD69824.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 133, dtype: object

row\_nr 135  
Protein Name NIES4070\_45310  
EC# NaN  
Organism Nostoc commune HK-02 NIES-4070  
GenBank BBD68136.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 134, dtype: object

row\_nr 136  
Protein Name HUN01\_08540  
EC# NaN  
Organism Nostoc edaphicum CCNP1411  
GenBank QMS87623.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 135, dtype: object

row\_nr 137  
Protein Name HUN01\_33800  
EC# NaN  
Organism Nostoc edaphicum CCNP1411  
GenBank QMS92322.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 136, dtype: object

row\_nr 138  
Protein Name HUN01\_25535  
EC# NaN  
Organism Nostoc edaphicum CCNP1411  
GenBank QMS90778.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 137, dtype: object

row\_nr 139  
Protein Name COO91\_08897  
EC# NaN  
Organism Nostoc flagelliforme CCNUN1  
GenBank AUB42751.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 138, dtype: object

row\_nr 140  
Protein Name COO91\_05919  
EC# NaN  
Organism Nostoc flagelliforme CCNUN1  
GenBank AUB39922.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 139, dtype: object

row\_nr 141  
Protein Name NIES25\_58630  
EC# NaN  
Organism Nostoc linckia NIES-25  
GenBank BAY79378.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 140, dtype: object

row\_nr 142  
Protein Name NIES25\_17900  
EC# NaN  
Organism Nostoc linckia NIES-25  
GenBank BAY75347.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 141, dtype: object

row\_nr 143  
Protein Name ACX27\_23440  
EC# NaN  
Organism Nostoc piscinale CENA21  
GenBank ALF55107.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 142, dtype: object

row\_nr 144  
Protein Name ACX27\_23435  
EC# NaN  
Organism Nostoc piscinale CENA21  
GenBank ALF55106.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 143, dtype: object

row\_nr 145  
Protein Name Npun\_F1611 (InvA)  
EC# NaN  
Organism Nostoc punctiforme PCC 73102  
GenBank CAD37134.1ACC80295.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 144, dtype: object

row\_nr 146  
Protein Name Npun\_F4643 (InvB)  
EC# NaN  
Organism Nostoc punctiforme PCC 73102  
GenBank CAD37133.1ACC83000.1CAW96437.1CBD22044.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 145, dtype: object

row\_nr 147  
Protein Name GJB62\_05135  
EC# NaN  
Organism Nostoc sp. ATCC 53789  
GenBank QHG19866.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 146, dtype: object

row\_nr 148  
Protein Name GJB62\_15420  
EC# NaN  
Organism Nostoc sp. ATCC 53789  
GenBank QHG20001.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 147, dtype: object

row\_nr 149  
Protein Name FD723\_24820  
EC# NaN  
Organism Nostoc sp. C052  
GenBank QLE43355.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 148, dtype: object

row\_nr 150  
Protein Name FD724\_19085  
EC# NaN  
Organism Nostoc sp. C057  
GenBank QLE52388.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 149, dtype: object

row\_nr 151  
Protein Name FD724\_30155  
EC# NaN  
Organism Nostoc sp. C057  
GenBank QLE52546.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 150, dtype: object

row\_nr 152  
Protein Name CLI64\_15560  
EC# NaN  
Organism Nostoc sp. CENA543  
GenBank AUT01686.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 151, dtype: object

row\_nr 153  
Protein Name CLI64\_08250  
EC# NaN  
Organism Nostoc sp. CENA543  
GenBank AUT00379.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 152, dtype: object

row\_nr 154  
Protein Name NIES2109\_39360  
EC# NaN  
Organism Nostoc sp. HK-01 NIES-2109  
GenBank BBD61134.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 153, dtype: object

row\_nr 155  
Protein Name NIES2109\_39370  
EC# NaN  
Organism Nostoc sp. HK-01 NIES-2109  
GenBank BBD61135.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 154, dtype: object

row\_nr 156  
Protein Name NLP\_5561  
EC# NaN  
Organism Nostoc sp. Lobaria pulmonaria (5183) cyanobiont  
GenBank AVH73858.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 155, dtype: object

row\_nr 157  
Protein Name NLP\_5400  
EC# NaN  
Organism Nostoc sp. Lobaria pulmonaria (5183) cyanobiont  
GenBank AVH73715.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 156, dtype: object

row\_nr 158  
Protein Name NSMS1\_03790  
EC# NaN  
Organism Nostoc sp. MS1  
GenBank BCL33932.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 157, dtype: object

row\_nr 159  
Protein Name NSMS1\_52570  
EC# NaN  
Organism Nostoc sp. MS1  
GenBank BCL38810.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 158, dtype: object

row\_nr 160  
Protein Name NIES2111\_39250  
EC# NaN  
Organism Nostoc sp. NIES-2111  
GenBank BAY39549.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 159, dtype: object

row\_nr 161  
Protein Name NIES2111\_33820  
EC# NaN  
Organism Nostoc sp. NIES-2111  
GenBank BAY39032.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 160, dtype: object

row\_nr 162  
Protein Name NOS3756\_21970  
EC# NaN  
Organism Nostoc sp. NIES-3756  
GenBank BAT53238.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 161, dtype: object

row\_nr 163  
Protein Name NOS3756\_17070  
EC# NaN  
Organism Nostoc sp. NIES-3756  
GenBank BAT52766.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 162, dtype: object

row\_nr 164  
Protein Name NIES4103\_62540  
EC# NaN  
Organism Nostoc sp. NIES-4103  
GenBank BAZ53574.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 163, dtype: object

row\_nr 165  
Protein Name Nos7107\_3082  
EC# NaN  
Organism Nostoc sp. PCC 7107  
GenBank AFY43673.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 164, dtype: object

row\_nr 166  
Protein Name alkaline invertase (InvA; Alr1521)  
EC# 3.2.1.26  
Organism Nostoc sp. PCC 7120 = FACHB-418  
GenBank CAD37132.1BAB77887.1NP\_485561.1  
Uniprot Q8YWS9  
PDB/3D 5GOO[A,B,C]5GOP[A,B,C]5GOQ[A,B,C]5GOR[A,B,C,D,...  
Unnamed: 7 NaN  
Name: 165, dtype: object

row\_nr 167  
Protein Name neutral invertase (InvB; Alr0819)  
EC# 3.2.1.26  
Organism Nostoc sp. PCC 7120 = FACHB-418  
GenBank CAC85155.1BAB72776.1NP\_484862.1  
Uniprot Q8YYM9  
PDB/3D 5Z73[A,B]5Z74[A,B]  
Unnamed: 7 NaN  
Name: 166, dtype: object

row\_nr 168  
Protein Name Nos7524\_4910  
EC# NaN  
Organism Nostoc sp. PCC 7524  
GenBank AFY50636.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 167, dtype: object

row\_nr 169  
Protein Name Nos7524\_4752  
EC# NaN  
Organism Nostoc sp. PCC 7524  
GenBank AFY50494.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 168, dtype: object

row\_nr 170  
Protein Name NPM\_2813  
EC# NaN  
Organism Nostoc sp. Peltigera membranacea cyanobiont N6  
GenBank AVH64458.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 169, dtype: object

row\_nr 171  
Protein Name NPM\_5222  
EC# NaN  
Organism Nostoc sp. Peltigera membranacea cyanobiont N6  
GenBank AVH66676.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 170, dtype: object

row\_nr 172  
Protein Name FBB35\_33045  
EC# NaN  
Organism Nostoc sp. TCL240-02  
GenBank QKQ78037.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 171, dtype: object

row\_nr 173  
Protein Name FBB35\_21515  
EC# NaN  
Organism Nostoc sp. TCL240-02  
GenBank QKQ77896.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 172, dtype: object

row\_nr 174  
Protein Name FD725\_16040  
EC# NaN  
Organism Nostoc sp. TCL26-01  
GenBank QLE56892.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 173, dtype: object

row\_nr 175  
Protein Name JYQ62\_28970  
EC# NaN  
Organism Nostoc sp. UHCC 0702  
GenBank QSJ15797.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 174, dtype: object

row\_nr 176  
Protein Name L6494\_15700  
EC# NaN  
Organism Nostoc sp. UHCC 0870  
GenBank UKO96100.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 175, dtype: object

row\_nr 177  
Protein Name L6494\_06100  
EC# NaN  
Organism Nostoc sp. UHCC 0870  
GenBank UKO99285.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 176, dtype: object

row\_nr 178  
Protein Name PQG02\_20005  
EC# NaN  
Organism Nostoc sp. UHCC 0926  
GenBank WDD35773.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 177, dtype: object

row\_nr 179  
Protein Name GXM\_06276  
EC# NaN  
Organism Nostoc sphaeroides CCNUC1  
GenBank QFS48782.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 178, dtype: object

row\_nr 180  
Protein Name GXM\_03616  
EC# NaN  
Organism Nostoc sphaeroides CCNUC1  
GenBank QFS46136.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 179, dtype: object

row\_nr 181  
Protein Name BZZ01\_14730  
EC# NaN  
Organism Nostocales cyanobacterium HT-58-2  
GenBank ARV59720.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 180, dtype: object

row\_nr 182  
Protein Name Oscil6304\_2114  
EC# NaN  
Organism Oscillatoria acuminata PCC 6304  
GenBank AFY81778.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 181, dtype: object

row\_nr 183  
Protein Name Oscil6304\_3615  
EC# NaN  
Organism Oscillatoria acuminata PCC 6304  
GenBank AFY83178.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 182, dtype: object

row\_nr 184  
Protein Name HCG48\_24465  
EC# NaN  
Organism Oxynema aestuarii AP17  
GenBank QIZ73365.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 183, dtype: object

row\_nr 185  
Protein Name HCG48\_14385  
EC# NaN  
Organism Oxynema aestuarii AP17  
GenBank QIZ71626.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 184, dtype: object

row\_nr 186  
Protein Name SYNW1965 (InvA)  
EC# NaN  
Organism Parasynechococcus marenigrum WH 8102  
GenBank CAD37137.1CAE08480.1NP\_898056.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 185, dtype: object

row\_nr 187  
Protein Name NO713\_03373 (InvE)  
EC# NaN  
Organism Planktothrix pseudagardhii No.713  
GenBank CAD5963843.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 186, dtype: object

row\_nr 188  
Protein Name PCC9214\_02312 (InvE)  
EC# NaN  
Organism Planktothrix tepida PCC9214  
GenBank CAD5947086.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 187, dtype: object

row\_nr 189  
Protein Name Ple7327\_1806  
EC# NaN  
Organism Pleurocapsa sp. PCC 7327  
GenBank AFY77157.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 188, dtype: object

row\_nr 190  
Protein Name Ple7327\_2101  
EC# NaN  
Organism Pleurocapsa sp. PCC 7327  
GenBank AFY77428.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 189, dtype: object

row\_nr 191  
Protein Name A9601\_03511  
EC# NaN  
Organism Prochlorococcus marinus str. AS9601  
GenBank ABM69639.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 190, dtype: object

row\_nr 192  
Protein Name P9211\_03631  
EC# NaN  
Organism Prochlorococcus marinus str. MIT 9211 MIT9211  
GenBank ABX08294.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 191, dtype: object

row\_nr 193  
Protein Name P9215\_03521  
EC# NaN  
Organism Prochlorococcus marinus str. MIT 9215  
GenBank ABV49969.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 192, dtype: object

row\_nr 194  
Protein Name P9301\_03531  
EC# NaN  
Organism Prochlorococcus marinus str. MIT 9301  
GenBank ABO16976.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 193, dtype: object

row\_nr 195  
Protein Name P9303\_21831  
EC# NaN  
Organism Prochlorococcus marinus str. MIT 9303  
GenBank ABM78918.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 194, dtype: object

row\_nr 196  
Protein Name PMT9312\_0333  
EC# NaN  
Organism Prochlorococcus marinus str. MIT 9312  
GenBank ABB49394.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 195, dtype: object

row\_nr 197  
Protein Name PMT1647 (InvA)  
EC# NaN  
Organism Prochlorococcus marinus str. MIT 9313  
GenBank CAE21822.1CAD37136.1NP\_895474.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 196, dtype: object

row\_nr 198  
Protein Name P9515\_03591  
EC# NaN  
Organism Prochlorococcus marinus str. MIT 9515  
GenBank ABM71568.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 197, dtype: object

row\_nr 199  
Protein Name NATL1\_04191  
EC# NaN  
Organism Prochlorococcus marinus str. NATL1A  
GenBank ABM74983.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 198, dtype: object

row\_nr 200  
Protein Name PMN2A\_1704  
EC# NaN  
Organism Prochlorococcus marinus str. NATL2A  
GenBank AAZ59192.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 199, dtype: object

row\_nr 201  
Protein Name Pro0369  
EC# NaN  
Organism Prochlorococcus marinus subsp. marinus str. CC...  
GenBank AAP99415.1NP\_874763.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 200, dtype: object

row\_nr 202  
Protein Name PMM0327 (InvA)  
EC# NaN  
Organism Prochlorococcus marinus subsp. pastoris str. C...  
GenBank NP\_892446.1CAD37135.1CAE18786.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 201, dtype: object

row\_nr 203  
Protein Name EW14\_0373  
EC# NaN  
Organism Prochlorococcus sp. MIT 0604  
GenBank AIQ94397.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 202, dtype: object

row\_nr 204  
Protein Name EW15\_0434  
EC# NaN  
Organism Prochlorococcus sp. MIT 0801  
GenBank AIQ96526.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 203, dtype: object

row\_nr 205  
Protein Name BS620\_05895  
EC# NaN  
Organism Prochlorococcus sp. RS01  
GenBank AQL32530.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 204, dtype: object

row\_nr 206  
Protein Name BS621\_03015  
EC# NaN  
Organism Prochlorococcus sp. RS04  
GenBank AQL33793.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 205, dtype: object

row\_nr 207  
Protein Name BSR22\_04770  
EC# NaN  
Organism Prochlorococcus sp. RS50  
GenBank AQL30528.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 206, dtype: object

row\_nr 208  
Protein Name ABRG53\_c101 (fragment)  
EC# NaN  
Organism Pseudanabaena sp. ABRG5-3  
GenBank BBC26940.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 207, dtype: object

row\_nr 209  
Protein Name B6N60\_02667  
EC# NaN  
Organism Richelia sinica FACHB-800 FACHB 800  
GenBank QXE23965.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 208, dtype: object

row\_nr 210  
Protein Name Riv7116\_3541  
EC# NaN  
Organism Rivularia sp. PCC 7116  
GenBank AFY55993.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 209, dtype: object

row\_nr 211  
Protein Name SAMD00079811\_13430  
EC# NaN  
Organism Scytonema sp. HK-05 NIES-2130  
GenBank BAY43761.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 210, dtype: object

row\_nr 212  
Protein Name SAMD00079811\_73700  
EC# NaN  
Organism Scytonema sp. HK-05 NIES-2130  
GenBank BAY49741.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 211, dtype: object

row\_nr 213  
Protein Name NIES4073\_83360  
EC# NaN  
Organism Scytonema sp. NIES-4073  
GenBank BAZ27417.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 212, dtype: object

row\_nr 214  
Protein Name NIES4073\_15060 (fragment)  
EC# NaN  
Organism Scytonema sp. NIES-4073  
GenBank BAZ20629.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 213, dtype: object

row\_nr 215  
Protein Name NIES4073\_24150  
EC# NaN  
Organism Scytonema sp. NIES-4073  
GenBank BAZ21537.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 214, dtype: object

row\_nr 216  
Protein Name NIES73\_05240  
EC# NaN  
Organism Sphaerospermopsis kisseleviana NIES-73  
GenBank BAZ79282.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 215, dtype: object

row\_nr 217  
Protein Name K2F26\_05135  
EC# NaN  
Organism Sphaerospermopsis torques-reginae ITEP-024  
GenBank QYX32750.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 216, dtype: object

row\_nr 218  
Protein Name Sta7437\_0673  
EC# NaN  
Organism Stanieria cyanosphaera PCC 7437  
GenBank AFZ34268.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 217, dtype: object

row\_nr 219  
Protein Name Sta7437\_4400  
EC# NaN  
Organism Stanieria cyanosphaera PCC 7437  
GenBank AFZ37869.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 218, dtype: object

row\_nr 220  
Protein Name STA3757\_02430  
EC# NaN  
Organism Stanieria sp. NIES-3757  
GenBank BAU62892.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 219, dtype: object

row\_nr 221  
Protein Name DOP62\_01480  
EC# NaN  
Organism Synechococcus elongatus PCC 11801  
GenBank AZB71572.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 220, dtype: object

row\_nr 222  
Protein Name EKO22\_00285  
EC# NaN  
Organism Synechococcus elongatus PCC 11802  
GenBank QFZ91021.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 221, dtype: object

row\_nr 223  
Protein Name syc1118\_c (Lim17)  
EC# NaN  
Organism Synechococcus elongatus PCC 6301  
GenBank BAD79308.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 222, dtype: object

row\_nr 224  
Protein Name PCC6301pg\_0410 (Lim17)  
EC# NaN  
Organism Synechococcus elongatus PCC 6301  
GenBank UOW75626.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 223, dtype: object

row\_nr 225  
Protein Name PCC6311\_0410 (Lim17)  
EC# NaN  
Organism Synechococcus elongatus PCC 6311  
GenBank UOW72905.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 224, dtype: object

row\_nr 226  
Protein Name Synpcc7942\_0397  
EC# NaN  
Organism Synechococcus elongatus PCC 7942 = FACHB-805  
GenBank ABB56429.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 225, dtype: object

row\_nr 227  
Protein Name QY054\_02050  
EC# NaN  
Organism Synechococcus elongatus PCC 7942 = FACHB-805 U...  
GenBank WKW05981.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 226, dtype: object

row\_nr 228  
Protein Name PCC7943\_0410 (Lim17)  
EC# NaN  
Organism Synechococcus elongatus PCC 7943  
GenBank UOW70184.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 227, dtype: object

row\_nr 229  
Protein Name M744\_00995  
EC# NaN  
Organism Synechococcus elongatus UTEX 2973  
GenBank AJD56525.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 228, dtype: object

row\_nr 230  
Protein Name MY494\_05930  
EC# NaN  
Organism Synechococcus sp. A10-1-5-1  
GenBank UPM51287.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 229, dtype: object

row\_nr 231  
Protein Name SynA15127\_00544  
EC# NaN  
Organism Synechococcus sp. A15-127  
GenBank QNI93648.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 230, dtype: object

row\_nr 232  
Protein Name SynA1524\_02162  
EC# NaN  
Organism Synechococcus sp. A15-24  
GenBank QNJ29841.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 231, dtype: object

row\_nr 233  
Protein Name SynA1528\_02185  
EC# NaN  
Organism Synechococcus sp. A15-28  
GenBank QNI43196.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 232, dtype: object

row\_nr 234  
Protein Name SynA1544\_00488  
EC# NaN  
Organism Synechococcus sp. A15-44  
GenBank QNI63443.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 233, dtype: object

row\_nr 235  
Protein Name SynA1560\_00584  
EC# NaN  
Organism Synechococcus sp. A15-60  
GenBank QNI47264.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 234, dtype: object

row\_nr 236  
Protein Name SynA1562\_00525  
EC# NaN  
Organism Synechococcus sp. A15-62  
GenBank QNI99379.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 235, dtype: object

row\_nr 237  
Protein Name SynA1825c\_00557  
EC# NaN  
Organism Synechococcus sp. A18-25c  
GenBank QNJ18884.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 236, dtype: object

row\_nr 238  
Protein Name SynA1840\_02214  
EC# NaN  
Organism Synechococcus sp. A18-40  
GenBank QNJ17740.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 237, dtype: object

row\_nr 239  
Protein Name SynA18461\_02295  
EC# NaN  
Organism Synechococcus sp. A18-46.1  
GenBank QNJ14918.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 238, dtype: object

row\_nr 240  
Protein Name SynBIOSE41\_00662  
EC# NaN  
Organism Synechococcus sp. BIOS-E4-1  
GenBank QNI53210.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 239, dtype: object

row\_nr 241  
Protein Name SynBIOSU31\_00632  
EC# NaN  
Organism Synechococcus sp. BIOS-U3-1  
GenBank QNI57532.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 240, dtype: object

row\_nr 242  
Protein Name SynBMKMC1\_00658  
EC# NaN  
Organism Synechococcus sp. BMK-MC-1  
GenBank QNI66755.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 241, dtype: object

row\_nr 243  
Protein Name SynBOUM118\_02156  
EC# NaN  
Organism Synechococcus sp. BOUM118  
GenBank QNI92496.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 242, dtype: object

row\_nr 244  
Protein Name H8F24\_08830  
EC# NaN  
Organism Synechococcus sp. CBW1002  
GenBank QPN61315.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 243, dtype: object

row\_nr 245  
Protein Name H8F26\_09035  
EC# NaN  
Organism Synechococcus sp. CBW1006  
GenBank QPN68188.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 244, dtype: object

row\_nr 246  
Protein Name I1E95\_11150  
EC# NaN  
Organism Synechococcus sp. CBW1107  
GenBank QPN55733.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 245, dtype: object

row\_nr 247  
Protein Name sync\_0551  
EC# NaN  
Organism Synechococcus sp. CC9311  
GenBank ABI47501.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 246, dtype: object

row\_nr 248  
Protein Name Syncc9605\_0487  
EC# NaN  
Organism Synechococcus sp. CC9605  
GenBank ABB34261.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 247, dtype: object

row\_nr 249  
Protein Name Syncc9902\_1847  
EC# NaN  
Organism Synechococcus sp. CC9902  
GenBank ABB26804.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 248, dtype: object

row\_nr 250  
Protein Name N4320\_14920  
EC# NaN  
Organism Synechococcus sp. CCFWC 502  
GenBank WFN59029.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 249, dtype: object

row\_nr 251  
Protein Name H0O21\_00385  
EC# NaN  
Organism Synechococcus sp. HK01-R  
GenBank QNG27165.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 250, dtype: object

row\_nr 252  
Protein Name KR100\_03925  
EC# NaN  
Organism Synechococcus sp. KORDI-100  
GenBank AII42517.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 251, dtype: object

row\_nr 253  
Protein Name KR49\_11485  
EC# NaN  
Organism Synechococcus sp. KORDI-49  
GenBank AII47024.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 252, dtype: object

row\_nr 254  
Protein Name KR52\_00005  
EC# NaN  
Organism Synechococcus sp. KORDI-52  
GenBank AII47582.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 253, dtype: object

row\_nr 255  
Protein Name KJJ24\_13610  
EC# NaN  
Organism Synechococcus sp. LA31  
GenBank QVV67435.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 254, dtype: object

row\_nr 256  
Protein Name H0O22\_07835  
EC# NaN  
Organism Synechococcus sp. LTW-R  
GenBank QNG28671.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 255, dtype: object

row\_nr 257  
Protein Name SynM161\_00489  
EC# NaN  
Organism Synechococcus sp. M16.1  
GenBank QNJ10635.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 256, dtype: object

row\_nr 258  
Protein Name SynMEDNS5\_00558  
EC# NaN  
Organism Synechococcus sp. MEDNS5  
GenBank QNJ05300.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 257, dtype: object

row\_nr 259  
Protein Name SynMINOS11\_00479 (fragment)  
EC# NaN  
Organism Synechococcus sp. Minos11  
GenBank QNJ07959.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 258, dtype: object

row\_nr 260  
Protein Name SynMITS9220\_00569  
EC# NaN  
Organism Synechococcus sp. MIT S9220  
GenBank QNJ21890.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 259, dtype: object

row\_nr 261  
Protein Name SynMVIR181\_00648  
EC# NaN  
Organism Synechococcus sp. MVIR-18-1  
GenBank QNI75647.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 260, dtype: object

row\_nr 262  
Protein Name LY254\_05930  
EC# NaN  
Organism Synechococcus sp. NB0720\_010  
GenBank UPH91361.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 261, dtype: object

row\_nr 263  
Protein Name SynNOUM97013\_00572  
EC# NaN  
Organism Synechococcus sp. NOUM97013  
GenBank QNI72654.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 262, dtype: object

row\_nr 264  
Protein Name Syn6312\_2696  
EC# NaN  
Organism Synechococcus sp. PCC 6312  
GenBank AFY61783.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 263, dtype: object

row\_nr 265  
Protein Name Syn7502\_00493  
EC# NaN  
Organism Synechococcus sp. PCC 7502  
GenBank AFY72653.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 264, dtype: object

row\_nr 266  
Protein Name SynPROS71\_00628  
EC# NaN  
Organism Synechococcus sp. PROS-7-1  
GenBank QNI84452.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 265, dtype: object

row\_nr 267  
Protein Name SynPROS91\_00584  
EC# NaN  
Organism Synechococcus sp. PROS-9-1  
GenBank QNJ30993.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 266, dtype: object

row\_nr 268  
Protein Name SynPROSU1\_00598  
EC# NaN  
Organism Synechococcus sp. PROS-U-1  
GenBank QNJ02225.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 267, dtype: object

row\_nr 269  
Protein Name SynRCC307\_0447  
EC# NaN  
Organism Synechococcus sp. RCC307  
GenBank CAK27350.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 268, dtype: object

row\_nr 270  
Protein Name SynROS8604\_00779  
EC# NaN  
Organism Synechococcus sp. ROS8604  
GenBank QNI87434.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 269, dtype: object

row\_nr 271  
Protein Name SynRS9902\_00503  
EC# NaN  
Organism Synechococcus sp. RS9902  
GenBank QNI96420.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 270, dtype: object

row\_nr 272  
Protein Name SynRS9907\_00482  
EC# NaN  
Organism Synechococcus sp. RS9907  
GenBank QNI81347.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 271, dtype: object

row\_nr 273  
Protein Name SynRS9909\_00626  
EC# NaN  
Organism Synechococcus sp. RS9909  
GenBank QNI78631.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 272, dtype: object

row\_nr 274  
Protein Name SynRS9915\_02277  
EC# NaN  
Organism Synechococcus sp. RS9915  
GenBank QNI51968.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 273, dtype: object

row\_nr 275  
Protein Name SynSYN20\_00638  
EC# NaN  
Organism Synechococcus sp. SYN20  
GenBank QNJ24988.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 274, dtype: object

row\_nr 276  
Protein Name BM449\_09175  
EC# NaN  
Organism Synechococcus sp. SynAce01  
GenBank APD48384.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 275, dtype: object

row\_nr 277  
Protein Name SynTAK9802\_00513  
EC# NaN  
Organism Synechococcus sp. TAK9802  
GenBank QNI60822.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 276, dtype: object

row\_nr 278  
Protein Name SynWH7803\_0536  
EC# NaN  
Organism Synechococcus sp. WH 7803  
GenBank CAK22962.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 277, dtype: object

row\_nr 279  
Protein Name WB44\_13920  
EC# NaN  
Organism Synechococcus sp. WH 8020  
GenBank AKN62460.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 278, dtype: object

row\_nr 280  
Protein Name SynWH8101\_0581  
EC# NaN  
Organism Synechococcus sp. WH 8101  
GenBank QBE68183.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 279, dtype: object

row\_nr 281  
Protein Name SynRCC2555\_00591  
EC# NaN  
Organism Synechococcus sp. WH 8101  
GenBank QNI44392.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 280, dtype: object

row\_nr 282  
Protein Name SynWH8103\_02254 (InvA)  
EC# NaN  
Organism Synechococcus sp. WH 8103  
GenBank CRY92956.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 281, dtype: object

row\_nr 283  
Protein Name Syncc8109\_0527 (InvA)  
EC# NaN  
Organism Synechococcus sp. WH 8109  
GenBank AHF62922.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 282, dtype: object

row\_nr 284  
Protein Name BWK47\_15410  
EC# NaN  
Organism Synechocystis sp. CACIAM 05  
GenBank QHV01379.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 283, dtype: object

row\_nr 285  
Protein Name C7I86\_15575  
EC# NaN  
Organism Synechocystis sp. IPPAS B-1465  
GenBank AVP90967.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 284, dtype: object

row\_nr 286  
Protein Name D082\_15030  
EC# NaN  
Organism Synechocystis sp. PCC 6714  
GenBank AIE74031.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 285, dtype: object

row\_nr 287  
Protein Name neutral invertase (InvA; sll0626)  
EC# NaN  
Organism Synechocystis sp. PCC 6803  
GenBank CAD33848.1AGF53230.1ALJ69100.1BAA18680.1BAK517...  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 286, dtype: object

row\_nr 288  
Protein Name MT986\_15570  
EC# NaN  
Organism Synechocystis sp. PCC 6803  
GenBank UOO11491.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 287, dtype: object

row\_nr 289  
Protein Name SYNGTI\_2975 (Lim17)  
EC# NaN  
Organism Synechocystis sp. PCC 6803 substr. GT-I  
GenBank BAL30722.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 288, dtype: object

row\_nr 290  
Protein Name SYNPCCN\_2974 (Lim17)  
EC# NaN  
Organism Synechocystis sp. PCC 6803 substr. PCC-N  
GenBank BAL33891.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 289, dtype: object

row\_nr 291  
Protein Name SYNPCCP\_2974 (Lim17)  
EC# NaN  
Organism Synechocystis sp. PCC 6803 substr. PCC-P  
GenBank BAL37060.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 290, dtype: object

row\_nr 292  
Protein Name HTZ78\_07900  
EC# NaN  
Organism Synechocystis sp. PCC 7338  
GenBank QUS60602.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 291, dtype: object

row\_nr 293  
Protein Name IQE94\_12625  
EC# NaN  
Organism Synechocystis sp. PCC 7339  
GenBank UAJ71953.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 292, dtype: object

row\_nr 294  
Protein Name OXH18\_17330  
EC# NaN  
Organism Thermocoleostomius sinensis A174  
GenBank WAL58924.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 293, dtype: object

row\_nr 295  
Protein Name HNI00\_18395  
EC# NaN  
Organism Thermoleptolyngbya oregonensis NK1-22  
GenBank WOB44902.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 294, dtype: object

row\_nr 296  
Protein Name HPC62\_10065  
EC# NaN  
Organism Thermoleptolyngbya sichuanensis A183  
GenBank QKD82477.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 295, dtype: object

row\_nr 297  
Protein Name TVNIR\_1008 (fragment)  
EC# NaN  
Organism Thioalkalivibrio nitratireducens DSM 14787  
GenBank AGA32692.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 296, dtype: object

row\_nr 298  
Protein Name THITH\_11585  
EC# NaN  
Organism Thioalkalivibrio paradoxus ARh 1  
GenBank AHE98782.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 297, dtype: object

row\_nr 299  
Protein Name TK90\_2313  
EC# NaN  
Organism Thioalkalivibrio sp. K90mix  
GenBank ADC72803.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 298, dtype: object

row\_nr 300  
Protein Name Tgr7\_0707  
EC# NaN  
Organism Thioalkalivibrio sulfidiphilus HL-EbGr7  
GenBank ACL71799.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 299, dtype: object

row\_nr 301  
Protein Name TVD\_01110  
EC# NaN  
Organism Thioalkalivibrio versutus D301  
GenBank AKJ94051.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 300, dtype: object

row\_nr 302  
Protein Name LT988\_05345  
EC# NaN  
Organism Thiocapsa bogorovii BBS  
GenBank UHD17477.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 301, dtype: object

row\_nr 303  
Protein Name Thiosp\_02140 (fragment)  
EC# NaN  
Organism Thiorhodovibrio litoralis 06511  
GenBank WPL12376.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 302, dtype: object

row\_nr 304  
Protein Name Thiosp\_03183 (fragment)  
EC# NaN  
Organism Thiorhodovibrio litoralis 06511  
GenBank WPL13382.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 303, dtype: object

row\_nr 305  
Protein Name HG267\_16335  
EC# NaN  
Organism Tolypothrix sp. PCC 7601  
GenBank UYD37151.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 304, dtype: object

row\_nr 306  
Protein Name HG267\_16330  
EC# NaN  
Organism Tolypothrix sp. PCC 7601  
GenBank UYD37150.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 305, dtype: object

row\_nr 307  
Protein Name HGR01\_02460  
EC# NaN  
Organism Tolypothrix sp. PCC 7712  
GenBank UYD26991.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 306, dtype: object

row\_nr 308  
Protein Name HGR01\_02455  
EC# NaN  
Organism Tolypothrix sp. PCC 7712  
GenBank UYD26990.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 307, dtype: object

row\_nr 309  
Protein Name HCG51\_19390  
EC# NaN  
Organism Tolypothrix sp. PCC 7910  
GenBank QIR38646.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 308, dtype: object

row\_nr 310  
Protein Name HCG51\_19385  
EC# NaN  
Organism Tolypothrix sp. PCC 7910  
GenBank QIR38645.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 309, dtype: object

row\_nr 311  
Protein Name NIES37\_04620  
EC# NaN  
Organism Tolypothrix tenuis PCC 7101 NIES-37  
GenBank BAY96529.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 310, dtype: object

row\_nr 312  
Protein Name NIES37\_04610  
EC# NaN  
Organism Tolypothrix tenuis PCC 7101 NIES-37  
GenBank BAY96528.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 311, dtype: object

row\_nr 313  
Protein Name GSQ19\_08255  
EC# NaN  
Organism Trichormus variabilis 0441  
GenBank QHD79771.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 312, dtype: object

row\_nr 314  
Protein Name Ava\_0609  
EC# NaN  
Organism Trichormus variabilis ATCC 29413  
GenBank ABA20233.1CAW96426.1CBD22033.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 313, dtype: object

row\_nr 315  
Protein Name NIES23\_46120  
EC# NaN  
Organism Trichormus variabilis NIES-23  
GenBank BAY71791.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 314, dtype: object

row\_nr 316  
Protein Name NIES23\_53210  
EC# NaN  
Organism Trichormus variabilis NIES-23  
GenBank BAY72496.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 315, dtype: object

row\_nr 317  
Protein Name ASNC2150\_0001  
EC# NaN  
Organism uncultured Prochlorococcus marinus clone ASNC2150  
GenBank ABE10815.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 316, dtype: object

row\_nr 318  
Protein Name ASNC729\_0027  
EC# NaN  
Organism uncultured Prochlorococcus marinus clone ASNC729  
GenBank ABE11023.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 317, dtype: object

row\_nr 319  
Protein Name HOT0M-7C8\_0001  
EC# NaN  
Organism uncultured Prochlorococcus marinus clone HOT0M...  
GenBank ABE11469.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 318, dtype: object

row\_nr 320  
Protein Name neutral invertase (NIK)  
EC# NaN  
Organism Actinidia chinensis  
GenBank AFO84094.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 319, dtype: object

row\_nr 321  
Protein Name ORF (fragment)  
EC# NaN  
Organism Aegilops speltoides  
GenBank ACJ07082.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 320, dtype: object

row\_nr 322  
Protein Name alkaline/neutral invertase, partial (fragment)  
EC# NaN  
Organism Agave amica  
GenBank QKG30649.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 321, dtype: object

row\_nr 323  
Protein Name neutral/alkaline invertase (Invc-1)  
EC# NaN  
Organism Amaranthus cruentus/Amaranthus hypocondriacus ...  
GenBank AFS17279.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 322, dtype: object

row\_nr 324  
Protein Name Invc\_2 (fragment)  
EC# NaN  
Organism Amaranthus hypochondriacus  
GenBank AFS17281.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 323, dtype: object

row\_nr 325  
Protein Name neutral invertase (Ni;Ac-Ni) (fragment)  
EC# NaN  
Organism Ananas comosus  
GenBank ACX33985.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 324, dtype: object

row\_nr 326  
Protein Name CB5\_LOCUS15730 (fragment)  
EC# NaN  
Organism Ananas comosus var. bracteatus  
GenBank VUW65147.1CAB5267422.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 325, dtype: object

row\_nr 327  
Protein Name CB5\_LOCUS24532  
EC# NaN  
Organism Ananas comosus var. bracteatus  
GenBank VUW73947.1CAB5276222.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 326, dtype: object

row\_nr 328  
Protein Name CB5\_LOCUS18389  
EC# NaN  
Organism Ananas comosus var. bracteatus  
GenBank VUW67804.1CAB5270079.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 327, dtype: object

row\_nr 329  
Protein Name CB5\_LOCUS1057 (fragment)  
EC# NaN  
Organism Ananas comosus var. bracteatus  
GenBank VUW50481.1CAB5252756.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 328, dtype: object

row\_nr 330  
Protein Name CB5\_LOCUS20066  
EC# NaN  
Organism Ananas comosus var. bracteatus  
GenBank CAD1836855.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 329, dtype: object

row\_nr 331  
Protein Name CB5\_LOCUS1514  
EC# NaN  
Organism Ananas comosus var. bracteatus  
GenBank CAD1818303.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 330, dtype: object

row\_nr 332  
Protein Name CB5\_LOCUS1323 (fragment)  
EC# NaN  
Organism Ananas comosus var. bracteatus  
GenBank CAD1818112.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 331, dtype: object

row\_nr 333  
Protein Name CB5\_LOCUS23297  
EC# NaN  
Organism Ananas comosus var. bracteatus  
GenBank CAD1840086.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 332, dtype: object

row\_nr 334  
Protein Name CB5\_LOCUS26791  
EC# NaN  
Organism Ananas comosus var. bracteatus  
GenBank CAD1843580.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 333, dtype: object

row\_nr 335  
Protein Name CB5\_LOCUS12934 (fragment)  
EC# NaN  
Organism Ananas comosus var. bracteatus  
GenBank CAD1829723.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 334, dtype: object

row\_nr 336  
Protein Name CB5\_LOCUS19939  
EC# NaN  
Organism Ananas comosus var. bracteatus  
GenBank CAD1836728.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 335, dtype: object

row\_nr 337  
Protein Name AARE701A\_ LOCUS\t3875  
EC# NaN  
Organism Arabidopsis arenosa  
GenBank CAE5960435.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 336, dtype: object

row\_nr 338  
Protein Name AARE701A\_ LOCUS\t1884  
EC# NaN  
Organism Arabidopsis arenosa  
GenBank CAE5958267.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 337, dtype: object

row\_nr 339  
Protein Name AARE701A\_ LOCUS\t2834  
EC# NaN  
Organism Arabidopsis arenosa  
GenBank CAE5959298.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 338, dtype: object

row\_nr 340  
Protein Name AARE701A\_ LOCUS\t17675  
EC# NaN  
Organism Arabidopsis arenosa  
GenBank CAE6159050.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 339, dtype: object

row\_nr 341  
Protein Name AARE701A\_ LOCUS\t16521  
EC# NaN  
Organism Arabidopsis arenosa  
GenBank CAE6129163.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 340, dtype: object

row\_nr 342  
Protein Name AARE701A\_ LOCUS\t15866  
EC# NaN  
Organism Arabidopsis arenosa  
GenBank CAE6114944.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 341, dtype: object

row\_nr 343  
Protein Name AARE701A\_ LOCUS\t6449  
EC# NaN  
Organism Arabidopsis arenosa  
GenBank CAE5966276.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 342, dtype: object

row\_nr 344  
Protein Name AARE701A\_ LOCUS\t5211  
EC# NaN  
Organism Arabidopsis arenosa  
GenBank CAE5963837.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 343, dtype: object

row\_nr 345  
Protein Name AARE701A\_ LOCUS\t6520  
EC# NaN  
Organism Arabidopsis arenosa  
GenBank CAE5966360.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 344, dtype: object

row\_nr 346  
Protein Name AARE701A\_ LOCUS\t6520  
EC# NaN  
Organism Arabidopsis arenosa  
GenBank CAE5966359.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 345, dtype: object

row\_nr 347  
Protein Name alkaline/neutral invertase (A/N-InvC;At3g06500...  
EC# 3.2.1.26  
Organism Arabidopsis thaliana  
GenBank AAP40464.1AAG51337.1AEE74403.1ANM65555.1BAE984...  
Uniprot A0A1I9LSJ7B9DFA8B9DHK9Q7Y209  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 346, dtype: object

row\_nr 348  
Protein Name alkaline/neutral invertase (A/N-InvA;At1g56560...  
EC# 3.2.1.26  
Organism Arabidopsis thaliana  
GenBank AAM53335.1AAG09107.1AAP37746.1AEE33409.1NP\_176...  
Uniprot Q9FXA8  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 347, dtype: object

row\_nr 349  
Protein Name At3g05820  
EC# NaN  
Organism Arabidopsis thaliana  
GenBank AAO64115.1AAF26084.1AAO42161.1AEE74300.1AEE743...  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 348, dtype: object

row\_nr 350  
Protein Name invertase (At5g22510) (plastidic)  
EC# NaN  
Organism Arabidopsis thaliana  
GenBank BAB09123.1AAL08305.1AED93035.1ANM71174.1NP\_197...  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 349, dtype: object

row\_nr 351  
Protein Name At4g09510  
EC# NaN  
Organism Arabidopsis thaliana  
GenBank BAD44643.1ABI93892.1AEE82759.1AEE82760.1CAB780...  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 350, dtype: object

row\_nr 352  
Protein Name At4g34860  
EC# NaN  
Organism Arabidopsis thaliana  
GenBank CAB80203.1AAK91433.1AAO11611.1AEE86429.1AEE864...  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 351, dtype: object

row\_nr 353  
Protein Name alkaline/neutral invertase (CInv1;CwINV1;CYT-I...  
EC# 3.2.1.26  
Organism Arabidopsis thaliana  
GenBank AAN13200.1AAF79356.1AAL38723.1AEE31812.1AEE318...  
Uniprot A0A178W322F4HZY9Q9LQF2  
PDB/3D 6TTJ[A,B,C,D,E,F,G,H,I,J,K,L]  
Unnamed: 7 NaN  
Name: 352, dtype: object

row\_nr 354  
Protein Name At1g22650  
EC# NaN  
Organism Arabidopsis thaliana  
GenBank AAM65926.1AAC25521.1AEE30264.1ANM58186.1NP\_564...  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 353, dtype: object

row\_nr 355  
Protein Name At1g72000  
EC# NaN  
Organism Arabidopsis thaliana  
GenBank AAG52223.1AAG51132.1AEE35262.1NP\_177345.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 354, dtype: object

row\_nr 356  
Protein Name DS421\_19g666290  
EC# NaN  
Organism Arachis hypogaea  
GenBank QHN78998.1QHN78997.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 355, dtype: object

row\_nr 357  
Protein Name DS421\_17g587880  
EC# NaN  
Organism Arachis hypogaea  
GenBank QHN92889.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 356, dtype: object

row\_nr 358  
Protein Name DS421\_16g534030  
EC# NaN  
Organism Arachis hypogaea  
GenBank QHN85057.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 357, dtype: object

row\_nr 359  
Protein Name DS421\_19g650710  
EC# NaN  
Organism Arachis hypogaea  
GenBank QHN77216.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 358, dtype: object

row\_nr 360  
Protein Name DS421\_1g24760  
EC# NaN  
Organism Arachis hypogaea  
GenBank QHO50719.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 359, dtype: object

row\_nr 361  
Protein Name DS421\_3g91520 (fragment)  
EC# NaN  
Organism Arachis hypogaea  
GenBank QHO58543.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 360, dtype: object

row\_nr 362  
Protein Name DS421\_15g506260  
EC# NaN  
Organism Arachis hypogaea  
GenBank QHO12355.1QHO12356.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 361, dtype: object

row\_nr 363  
Protein Name DS421\_18g607260 (fragment)  
EC# NaN  
Organism Arachis hypogaea  
GenBank QHN95172.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 362, dtype: object

row\_nr 364  
Protein Name DS421\_13g424170  
EC# NaN  
Organism Arachis hypogaea  
GenBank QHO02477.1QHO02478.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 363, dtype: object

row\_nr 365  
Protein Name DS421\_9g285710  
EC# NaN  
Organism Arachis hypogaea  
GenBank QHO36667.1QHO36668.1QHO36669.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 364, dtype: object

row\_nr 366  
Protein Name DS421\_8g238100  
EC# NaN  
Organism Arachis hypogaea  
GenBank QHO31031.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 365, dtype: object

row\_nr 367  
Protein Name DS421\_6g177460  
EC# NaN  
Organism Arachis hypogaea  
GenBank QHO45250.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 366, dtype: object

row\_nr 368  
Protein Name DS421\_5g165850  
EC# NaN  
Organism Arachis hypogaea  
GenBank QHO43812.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 367, dtype: object

row\_nr 369  
Protein Name DS421\_9g265660  
EC# NaN  
Organism Arachis hypogaea  
GenBank QHO34288.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 368, dtype: object

row\_nr 370  
Protein Name DS421\_11g347590  
EC# NaN  
Organism Arachis hypogaea  
GenBank QHO21534.1QHO21535.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 369, dtype: object

row\_nr 371  
Protein Name DS421\_8g226150  
EC# NaN  
Organism Arachis hypogaea  
GenBank QHO29572.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 370, dtype: object

row\_nr 372  
Protein Name neutral invertase (Ninv)  
EC# NaN  
Organism Beta vulgaris  
GenBank CAD19320.1CAW96438.1CBD22045.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 371, dtype: object

row\_nr 373  
Protein Name unnamed protein product  
EC# NaN  
Organism Brassica napus  
GenBank CBD34227.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 372, dtype: object

row\_nr 374  
Protein Name unnamed protein product  
EC# NaN  
Organism Brassica napus  
GenBank CBD34228.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 373, dtype: object

row\_nr 375  
Protein Name BOLC1T05663H  
EC# NaN  
Organism Brassica oleracea  
GenBank VDD53274.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 374, dtype: object

row\_nr 376  
Protein Name BOLC5T34732H  
EC# NaN  
Organism Brassica oleracea  
GenBank VDD47185.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 375, dtype: object

row\_nr 377  
Protein Name BOLC8T47844H  
EC# NaN  
Organism Brassica oleracea  
GenBank VDD54615.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 376, dtype: object

row\_nr 378  
Protein Name BOLC6T39663H  
EC# NaN  
Organism Brassica oleracea  
GenBank VDD64210.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 377, dtype: object

row\_nr 379  
Protein Name BOLC1T00387H  
EC# NaN  
Organism Brassica oleracea  
GenBank VDD47998.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 378, dtype: object

row\_nr 380  
Protein Name BOLC5T32462H  
EC# NaN  
Organism Brassica oleracea  
GenBank VDD44915.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 379, dtype: object

row\_nr 381  
Protein Name BOLC5T30872H  
EC# NaN  
Organism Brassica oleracea  
GenBank VDD43325.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 380, dtype: object

row\_nr 382  
Protein Name BOLC9T58276H  
EC# NaN  
Organism Brassica oleracea  
GenBank VDD32953.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 381, dtype: object

row\_nr 383  
Protein Name BOLC3T20824H  
EC# NaN  
Organism Brassica oleracea  
GenBank VDD00007.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 382, dtype: object

row\_nr 384  
Protein Name BOLC4T24091H  
EC# NaN  
Organism Brassica oleracea  
GenBank VDD08599.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 383, dtype: object

row\_nr 385  
Protein Name BOLC3T15765H  
EC# NaN  
Organism Brassica oleracea  
GenBank VDC91289.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 384, dtype: object

row\_nr 386  
Protein Name BRAA09T39694Z  
EC# NaN  
Organism Brassica rapa  
GenBank VDC62083.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 385, dtype: object

row\_nr 387  
Protein Name BRAA03T12059Z  
EC# NaN  
Organism Brassica rapa  
GenBank VDC80841.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 386, dtype: object

row\_nr 388  
Protein Name BRAA05T21235Z  
EC# NaN  
Organism Brassica rapa  
GenBank VDC71521.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 387, dtype: object

row\_nr 389  
Protein Name BRAA05T22873Z  
EC# NaN  
Organism Brassica rapa  
GenBank VDC73159.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 388, dtype: object

row\_nr 390  
Protein Name BRAA02T05662Z (fragment)  
EC# NaN  
Organism Brassica rapa  
GenBank VDC86126.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 389, dtype: object

row\_nr 391  
Protein Name BRAA03T15684Z  
EC# NaN  
Organism Brassica rapa  
GenBank VDC84466.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 390, dtype: object

row\_nr 392  
Protein Name BRAA01T04472Z  
EC# NaN  
Organism Brassica rapa  
GenBank VDC77970.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 391, dtype: object

row\_nr 393  
Protein Name BRAA01T00351Z  
EC# NaN  
Organism Brassica rapa  
GenBank VDC73849.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 392, dtype: object

row\_nr 394  
Protein Name BRAA08T33618Z  
EC# NaN  
Organism Brassica rapa  
GenBank VDD04569.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 393, dtype: object

row\_nr 395  
Protein Name BRAA08T32830Z  
EC# NaN  
Organism Brassica rapa  
GenBank VDD03353.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 394, dtype: object

row\_nr 396  
Protein Name BRAA10T43912Z  
EC# NaN  
Organism Brassica rapa  
GenBank VDD18483.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 395, dtype: object

row\_nr 397  
Protein Name BRAA07T31382Z  
EC# NaN  
Organism Brassica rapa  
GenBank VDD01905.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 396, dtype: object

row\_nr 398  
Protein Name BRAPAZ1V2\_A05P47630.2  
EC# NaN  
Organism Brassica rapa  
GenBank CAG7878242.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 397, dtype: object

row\_nr 399  
Protein Name BRAPAZ1V2\_A05P28740.2  
EC# NaN  
Organism Brassica rapa  
GenBank CAG7876353.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 398, dtype: object

row\_nr 400  
Protein Name BRAPAZ1V2\_A03P68400.2  
EC# NaN  
Organism Brassica rapa  
GenBank CAG7885497.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 399, dtype: object

row\_nr 401  
Protein Name BRAPAZ1V2\_A09P54090.2  
EC# NaN  
Organism Brassica rapa  
GenBank CAG7864942.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 400, dtype: object

row\_nr 402  
Protein Name BRAPAZ1V2\_A08P18480.2  
EC# NaN  
Organism Brassica rapa  
GenBank CAG7898182.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 401, dtype: object

row\_nr 403  
Protein Name BRAPAZ1V2\_A10P19200.2  
EC# NaN  
Organism Brassica rapa  
GenBank CAG7910674.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 402, dtype: object

row\_nr 404  
Protein Name BRAPAZ1V2\_A07P40510.2  
EC# NaN  
Organism Brassica rapa  
GenBank CAG7904407.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 403, dtype: object

row\_nr 405  
Protein Name BRAPAZ1V2\_A08P09340.2  
EC# NaN  
Organism Brassica rapa  
GenBank CAG7897268.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 404, dtype: object

row\_nr 406  
Protein Name BRAPAZ1V2\_A01P49610.2  
EC# NaN  
Organism Brassica rapa  
GenBank CAG7890885.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 405, dtype: object

row\_nr 407  
Protein Name BRAPAZ1V2\_A03P28660.2  
EC# NaN  
Organism Brassica rapa  
GenBank CAG7881523.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 406, dtype: object

row\_nr 408  
Protein Name BRAPAZ1V2\_A01P03730.2  
EC# NaN  
Organism Brassica rapa  
GenBank CAG7886297.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 407, dtype: object

row\_nr 409  
Protein Name BRAPAZ1V2\_A02P10460.2 (fragment)  
EC# NaN  
Organism Brassica rapa  
GenBank CAG7892094.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 408, dtype: object

row\_nr 410  
Protein Name alkaline/neutral invertase (Inv10)  
EC# NaN  
Organism Camellia sinensis  
GenBank ALZ41708.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 409, dtype: object

row\_nr 411  
Protein Name alkaline/neutral invertase INV12  
EC# NaN  
Organism Camellia sinensis  
GenBank ARE30656.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 410, dtype: object

row\_nr 412  
Protein Name alkaline/neutral invertase INV14  
EC# NaN  
Organism Camellia sinensis  
GenBank ARE30658.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 411, dtype: object

row\_nr 413  
Protein Name neutral invertase 1 (chloroplast)  
EC# NaN  
Organism Camellia sinensis  
GenBank AHD25652.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 412, dtype: object

row\_nr 414  
Protein Name neutral invertase 2 (chloroplast)  
EC# NaN  
Organism Camellia sinensis  
GenBank AHD25653.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 413, dtype: object

row\_nr 415  
Protein Name invertase 7  
EC# NaN  
Organism Camellia sinensis  
GenBank AJO70157.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 414, dtype: object

row\_nr 416  
Protein Name invertase 8  
EC# NaN  
Organism Camellia sinensis  
GenBank AJO70158.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 415, dtype: object

row\_nr 417  
Protein Name invertase 3  
EC# NaN  
Organism Camellia sinensis  
GenBank AJO70153.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 416, dtype: object

row\_nr 418  
Protein Name alkaline/neutral invertase B  
EC# NaN  
Organism Citrus medica var. sarcodactylis  
GenBank UYL06293.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 417, dtype: object

row\_nr 419  
Protein Name alkaline/neutral invertase D  
EC# NaN  
Organism Citrus medica var. sarcodactylis  
GenBank UYL06292.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 418, dtype: object

row\_nr 420  
Protein Name alkaline/neutral invertase E  
EC# NaN  
Organism Citrus medica var. sarcodactylis  
GenBank UYL06290.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 419, dtype: object

row\_nr 421  
Protein Name alkaline/neutral invertase 3 (fragment)  
EC# NaN  
Organism Citrus medica var. sarcodactylis  
GenBank UYL06291.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 420, dtype: object

row\_nr 422  
Protein Name neutral invertase, partial (fragment)  
EC# NaN  
Organism Citrus sinensis  
GenBank APZ87871.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 421, dtype: object

row\_nr 423  
Protein Name neutral/alkaline invertase  
EC# NaN  
Organism Citrus suavissima  
GenBank AIN45137.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 422, dtype: object

row\_nr 424  
Protein Name neutral/alkaline invertase (Inv3)  
EC# NaN  
Organism Coffea arabica  
GenBank ABI17895.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 423, dtype: object

row\_nr 425  
Protein Name neutral invertase  
EC# 3.2.1.26  
Organism Daucus carota  
GenBank CAA76145.1CAW96439.1CBD22046.1  
Uniprot Q9ZR47  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 424, dtype: object

row\_nr 426  
Protein Name DCAR\_0519535 (fragment)  
EC# NaN  
Organism Daucus carota subsp. sativus None  
GenBank WOH00177.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 425, dtype: object

row\_nr 427  
Protein Name DCAR\_0623136  
EC# NaN  
Organism Daucus carota subsp. sativus None  
GenBank WOH03736.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 426, dtype: object

row\_nr 428  
Protein Name DCAR\_0623071  
EC# NaN  
Organism Daucus carota subsp. sativus None  
GenBank WOH03672.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 427, dtype: object

row\_nr 429  
Protein Name DCAR\_0206937  
EC# NaN  
Organism Daucus carota subsp. sativus None  
GenBank WOG87706.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 428, dtype: object

row\_nr 430  
Protein Name DCAR\_0310714  
EC# NaN  
Organism Daucus carota subsp. sativus None  
GenBank WOG91465.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 429, dtype: object

row\_nr 431  
Protein Name DCAR\_0933775  
EC# NaN  
Organism Daucus carota subsp. sativus None  
GenBank WOH14258.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 430, dtype: object

row\_nr 432  
Protein Name DCAR\_0313034  
EC# NaN  
Organism Daucus carota subsp. sativus None  
GenBank WOG93747.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 431, dtype: object

row\_nr 433  
Protein Name DCAR\_0101103  
EC# NaN  
Organism Daucus carota subsp. sativus None  
GenBank WOG81945.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 432, dtype: object

row\_nr 434  
Protein Name DCAR\_0205927  
EC# NaN  
Organism Daucus carota subsp. sativus None  
GenBank WOG86709.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 433, dtype: object

row\_nr 435  
Protein Name DCAR\_0102629  
EC# NaN  
Organism Daucus carota subsp. sativus None  
GenBank WOG83454.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 434, dtype: object

row\_nr 436  
Protein Name DCAR\_0103924  
EC# NaN  
Organism Daucus carota subsp. sativus None  
GenBank WOG84740.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 435, dtype: object

row\_nr 437  
Protein Name alkaline/neutral invertase (Nin3)  
EC# NaN  
Organism Dendrobium catenatum  
GenBank AVA07411.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 436, dtype: object

row\_nr 438  
Protein Name alkaline/neutral invertase (Nin1)  
EC# NaN  
Organism Dendrobium catenatum  
GenBank AVA07409.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 437, dtype: object

row\_nr 439  
Protein Name alkaline/neutral invertase (Nin5)  
EC# NaN  
Organism Dendrobium catenatum  
GenBank AVA07413.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 438, dtype: object

row\_nr 440  
Protein Name alkaline/neutral invertase (Nin2)  
EC# NaN  
Organism Dendrobium catenatum  
GenBank AVA07410.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 439, dtype: object

row\_nr 441  
Protein Name alkaline/neutral invertase (Nin4)  
EC# NaN  
Organism Dendrobium catenatum  
GenBank AVA07412.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 440, dtype: object

row\_nr 442  
Protein Name neutral/alkaline invertase  
EC# NaN  
Organism Dendrobium officinale  
GenBank ALU57707.1ANW08803.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 441, dtype: object

row\_nr 443  
Protein Name alkaline/neutral invertase (Ni-3)  
EC# NaN  
Organism Dimocarpus longan  
GenBank AJW82915.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 442, dtype: object

row\_nr 444  
Protein Name alkaline/neutral invertase (Ni-1)  
EC# NaN  
Organism Dimocarpus longan  
GenBank AJW82913.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 443, dtype: object

row\_nr 445  
Protein Name alkaline/neutral invertase (Ni-2)  
EC# NaN  
Organism Dimocarpus longan  
GenBank AJW82914.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 444, dtype: object

row\_nr 446  
Protein Name M5689\_001380  
EC# NaN  
Organism Euphorbia peplus  
GenBank WCJ19072.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 445, dtype: object

row\_nr 447  
Protein Name M5689\_022614  
EC# NaN  
Organism Euphorbia peplus  
GenBank WCJ41770.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 446, dtype: object

row\_nr 448  
Protein Name M5689\_024952  
EC# NaN  
Organism Euphorbia peplus  
GenBank WCJ44276.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 447, dtype: object

row\_nr 449  
Protein Name M5689\_008673  
EC# NaN  
Organism Euphorbia peplus  
GenBank WCJ26889.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 448, dtype: object

row\_nr 450  
Protein Name M5689\_005279  
EC# NaN  
Organism Euphorbia peplus  
GenBank WCJ23242.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 449, dtype: object

row\_nr 451  
Protein Name M5689\_008175  
EC# NaN  
Organism Euphorbia peplus  
GenBank WCJ26352.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 450, dtype: object

row\_nr 452  
Protein Name M5689\_016369  
EC# NaN  
Organism Euphorbia peplus  
GenBank WCJ35101.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 451, dtype: object

row\_nr 453  
Protein Name M5689\_008673  
EC# NaN  
Organism Euphorbia peplus  
GenBank WCJ26890.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 452, dtype: object

row\_nr 454  
Protein Name M5689\_008673  
EC# NaN  
Organism Euphorbia peplus  
GenBank WCJ26891.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 453, dtype: object

row\_nr 455  
Protein Name M5689\_003431 (fragment)  
EC# NaN  
Organism Euphorbia peplus  
GenBank WCJ21265.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 454, dtype: object

row\_nr 456  
Protein Name M5689\_008175  
EC# NaN  
Organism Euphorbia peplus  
GenBank WCJ26353.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 455, dtype: object

row\_nr 457  
Protein Name cytoplasmic invertase 1 (Egcin1) (fragment)  
EC# NaN  
Organism Eustoma grandiflorum  
GenBank BCM94852.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 456, dtype: object

row\_nr 458  
Protein Name unnamed protein product  
EC# NaN  
Organism Eutrema halophilum  
GenBank BAJ33980.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 457, dtype: object

row\_nr 459  
Protein Name FPE\_LOCUS11221  
EC# NaN  
Organism Fraxinus pennsylvanica  
GenBank CAI9763791.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 458, dtype: object

row\_nr 460  
Protein Name FPE\_LOCUS11567  
EC# NaN  
Organism Fraxinus pennsylvanica  
GenBank CAI9764137.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 459, dtype: object

row\_nr 461  
Protein Name FPE\_LOCUS7238 (fragment)  
EC# NaN  
Organism Fraxinus pennsylvanica  
GenBank CAI9759808.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 460, dtype: object

row\_nr 462  
Protein Name FPE\_LOCUS33822  
EC# NaN  
Organism Fraxinus pennsylvanica  
GenBank CAI9786392.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 461, dtype: object

row\_nr 463  
Protein Name FPE\_LOCUS34108  
EC# NaN  
Organism Fraxinus pennsylvanica  
GenBank CAI9786678.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 462, dtype: object

row\_nr 464  
Protein Name FPE\_LOCUS7237 (fragment)  
EC# NaN  
Organism Fraxinus pennsylvanica  
GenBank CAI9759807.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 463, dtype: object

row\_nr 465  
Protein Name FPE\_LOCUS25320  
EC# NaN  
Organism Fraxinus pennsylvanica  
GenBank CAI9777890.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 464, dtype: object

row\_nr 466  
Protein Name FPE\_LOCUS16965  
EC# NaN  
Organism Fraxinus pennsylvanica  
GenBank CAI9769325.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 465, dtype: object

row\_nr 467  
Protein Name FPE\_LOCUS28872  
EC# NaN  
Organism Fraxinus pennsylvanica  
GenBank CAI9781442.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 466, dtype: object

row\_nr 468  
Protein Name FPE\_LOCUS29402  
EC# NaN  
Organism Fraxinus pennsylvanica  
GenBank CAI9781972.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 467, dtype: object

row\_nr 469  
Protein Name unnamed protein product  
EC# NaN  
Organism Glycine max  
GenBank CAW96409.1CBD22016.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 468, dtype: object

row\_nr 470  
Protein Name unnamed protein product  
EC# NaN  
Organism Glycine max  
GenBank CBD34231.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 469, dtype: object

row\_nr 471  
Protein Name neutral invertase  
EC# NaN  
Organism Gunnera manicata  
GenBank ADP88917.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 470, dtype: object

row\_nr 472  
Protein Name invertase  
EC# NaN  
Organism Helianthus tuberosus  
GenBank QHZ07987.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 471, dtype: object

row\_nr 473  
Protein Name invertase  
EC# NaN  
Organism Helianthus tuberosus  
GenBank QHZ07986.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 472, dtype: object

row\_nr 474  
Protein Name invertase  
EC# NaN  
Organism Helianthus tuberosus  
GenBank QHZ07982.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 473, dtype: object

row\_nr 475  
Protein Name invertase  
EC# NaN  
Organism Helianthus tuberosus  
GenBank QHZ07981.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 474, dtype: object

row\_nr 476  
Protein Name cytoplasmic invertase 3  
EC# NaN  
Organism Hemerocallis fulva  
GenBank QUJ17879.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 475, dtype: object

row\_nr 477  
Protein Name neutral/alkaline invertase 2 (Nin2)  
EC# NaN  
Organism Hevea brasiliensis  
GenBank ADC68260.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 476, dtype: object

row\_nr 478  
Protein Name neutral/alkaline invertase 1 (Nin1)  
EC# NaN  
Organism Hevea brasiliensis  
GenBank ADC68261.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 477, dtype: object

row\_nr 479  
Protein Name invertase (In2)  
EC# NaN  
Organism Hevea brasiliensis  
GenBank AHF27220.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 478, dtype: object

row\_nr 480  
Protein Name neutral/alkaline invertase 3 (Nin3)  
EC# NaN  
Organism Hevea brasiliensis  
GenBank AGU19630.1AID51354.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 479, dtype: object

row\_nr 481  
Protein Name invertase (In1)  
EC# NaN  
Organism Hevea brasiliensis  
GenBank AHF27219.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 480, dtype: object

row\_nr 482  
Protein Name predicted protein  
EC# NaN  
Organism Hordeum vulgare subsp. vulgare  
GenBank BAJ89365.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 481, dtype: object

row\_nr 483  
Protein Name predicted protein  
EC# NaN  
Organism Hordeum vulgare subsp. vulgare  
GenBank BAK00808.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 482, dtype: object

row\_nr 484  
Protein Name predicted protein  
EC# NaN  
Organism Hordeum vulgare subsp. vulgare  
GenBank BAJ89009.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 483, dtype: object

row\_nr 485  
Protein Name predicted protein (fragment)  
EC# NaN  
Organism Hordeum vulgare subsp. vulgare  
GenBank BAJ97009.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 484, dtype: object

row\_nr 486  
Protein Name AlkIN1 (fragment)  
EC# NaN  
Organism Hymenaea courbaril var. stilbocarpa  
GenBank ABY82046.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 485, dtype: object

row\_nr 487  
Protein Name Ibninv1 / SRF8 (fragment)  
EC# NaN  
Organism Ipomoea batatas  
GenBank BAD18099.1BAM74665.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 486, dtype: object

row\_nr 488  
Protein Name neutral invertase (Ibninv2) (fragment)  
EC# NaN  
Organism Ipomoea batatas  
GenBank BAM74666.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 487, dtype: object

row\_nr 489  
Protein Name neutral invertase (Ibninv3) (fragment)  
EC# NaN  
Organism Ipomoea batatas  
GenBank BAM74667.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 488, dtype: object

row\_nr 490  
Protein Name ORF  
EC# NaN  
Organism Ipomoea trifida  
GenBank AAS79609.1BAF37799.1CAW96435.1CBD22042.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 489, dtype: object

row\_nr 491  
Protein Name LSAL\_LOCUS15689  
EC# NaN  
Organism Lactuca saligna  
GenBank CAB4087573.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 490, dtype: object

row\_nr 492  
Protein Name LSAL\_LOCUS10892  
EC# NaN  
Organism Lactuca saligna  
GenBank CAB4082495.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 491, dtype: object

row\_nr 493  
Protein Name LSAL\_LOCUS7278  
EC# NaN  
Organism Lactuca saligna  
GenBank CAB4078653.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 492, dtype: object

row\_nr 494  
Protein Name LSAL\_LOCUS29138  
EC# NaN  
Organism Lactuca saligna  
GenBank CAB4101826.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 493, dtype: object

row\_nr 495  
Protein Name LSAL\_LOCUS35096  
EC# NaN  
Organism Lactuca saligna  
GenBank CAB4108118.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 494, dtype: object

row\_nr 496  
Protein Name LSAL\_LOCUS1825  
EC# NaN  
Organism Lactuca saligna  
GenBank CAB4072921.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 495, dtype: object

row\_nr 497  
Protein Name LSAL\_LOCUS38061  
EC# NaN  
Organism Lactuca saligna  
GenBank CAB4111256.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 496, dtype: object

row\_nr 498  
Protein Name LSAL\_LOCUS3631  
EC# NaN  
Organism Lactuca saligna  
GenBank CAB4074822.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 497, dtype: object

row\_nr 499  
Protein Name LSAL\_LOCUS5756  
EC# NaN  
Organism Lactuca saligna  
GenBank CAB4077041.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 498, dtype: object

row\_nr 500  
Protein Name LSALG\_LOCUS7278  
EC# NaN  
Organism Lactuca saligna  
GenBank CAI9266747.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 499, dtype: object

row\_nr 501  
Protein Name ORF (fragment)  
EC# NaN  
Organism Lilium longiflorum  
GenBank BAA04847.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 500, dtype: object

row\_nr 502  
Protein Name neutral invertase (NI)  
EC# NaN  
Organism Litchi chinensis  
GenBank AFP23358.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 501, dtype: object

row\_nr 503  
Protein Name unnamed protein product  
EC# NaN  
Organism Lolium arundinaceum  
GenBank CAW96415.1CBD22022.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 502, dtype: object

row\_nr 504  
Protein Name unnamed protein product  
EC# NaN  
Organism Lolium perenne  
GenBank CAW96416.1CBD22023.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 503, dtype: object

row\_nr 505  
Protein Name unnamed protein product  
EC# NaN  
Organism Lolium perenne  
GenBank CAW96417.1CBD22024.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 504, dtype: object

row\_nr 506  
Protein Name unnamed protein product  
EC# NaN  
Organism Lolium perenne  
GenBank CAW96418.1CBD22025.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 505, dtype: object

row\_nr 507  
Protein Name unnamed protein product  
EC# NaN  
Organism Lolium perenne  
GenBank CAW96419.1CBD22026.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 506, dtype: object

row\_nr 508  
Protein Name unnamed protein product  
EC# NaN  
Organism Lolium perenne  
GenBank CAW96420.1CBD22027.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 507, dtype: object

row\_nr 509  
Protein Name neutral/alkaline invertase (InV)  
EC# NaN  
Organism Lolium perenne  
GenBank CAM32308.1CAW96414.1CBD22021.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 508, dtype: object

row\_nr 510  
Protein Name alkaline/neutral invertase (Alinv)  
EC# 3.2.1.26  
Organism Lolium temulentum  
GenBank CAA05869.1CAW96427.1CBD22034.1  
Uniprot O49890  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 509, dtype: object

row\_nr 511  
Protein Name invertase (Inv1;LjInv1)  
EC# NaN  
Organism Lotus japonicus  
GenBank CAG30577.1CAW96434.1CBD22041.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 510, dtype: object

row\_nr 512  
Protein Name alkaline/neutral invertase (fragment)  
EC# NaN  
Organism Lycium barbarum  
GenBank AMK49332.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 511, dtype: object

row\_nr 513  
Protein Name neutral invertase (fragment)  
EC# NaN  
Organism Lycium barbarum  
GenBank QNM38197.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 512, dtype: object

row\_nr 514  
Protein Name neutral invertase (NI)  
EC# NaN  
Organism Malus domestica  
GenBank AFU56879.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 513, dtype: object

row\_nr 515  
Protein Name neutral invertase (fragment)  
EC# NaN  
Organism Mangifera indica  
GenBank AEQ30068.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 514, dtype: object

row\_nr 516  
Protein Name alkaline/neutral invertase (NI)  
EC# NaN  
Organism Mangifera indica  
GenBank QOP57504.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 515, dtype: object

row\_nr 517  
Protein Name neutral/alkaline invertase (Mninv1)  
EC# NaN  
Organism Manihot esculenta  
GenBank AEP31948.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 516, dtype: object

row\_nr 518  
Protein Name neutral/alkaline invertase (Ninv7;MNINV7)  
EC# NaN  
Organism Manihot esculenta  
GenBank AFA46813.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 517, dtype: object

row\_nr 519  
Protein Name neutral/alkaline invertase (Mninv4)  
EC# NaN  
Organism Manihot esculenta  
GenBank AFH77958.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 518, dtype: object

row\_nr 520  
Protein Name neutral/alkaline invertase (Mninv2)  
EC# NaN  
Organism Manihot esculenta  
GenBank AFH77952.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 519, dtype: object

row\_nr 521  
Protein Name neutral/alkaline invertase (Mninv3)  
EC# NaN  
Organism Manihot esculenta  
GenBank AFH77953.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 520, dtype: object

row\_nr 522  
Protein Name neutral/alkaline invertase (Mninv8)  
EC# NaN  
Organism Manihot esculenta  
GenBank AFH77954.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 521, dtype: object

row\_nr 523  
Protein Name neutral/alkaline invertase (nINV1)  
EC# NaN  
Organism Manihot esculenta  
GenBank ABA08442.1CAW96430.1CBD22037.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 522, dtype: object

row\_nr 524  
Protein Name Ninv6  
EC# NaN  
Organism Manihot esculenta  
GenBank AHA82517.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 523, dtype: object

row\_nr 525  
Protein Name Ninv10  
EC# NaN  
Organism Manihot esculenta  
GenBank AHA82519.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 524, dtype: object

row\_nr 526  
Protein Name Ninv5  
EC# NaN  
Organism Manihot esculenta  
GenBank AHA82516.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 525, dtype: object

row\_nr 527  
Protein Name Ninv9 (fragment)  
EC# NaN  
Organism Manihot esculenta  
GenBank AHA82518.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 526, dtype: object

row\_nr 528  
Protein Name Mp\_2g25990  
EC# NaN  
Organism Marchantia polymorpha subsp. ruderalis Tak-1  
GenBank BBN03743.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 527, dtype: object

row\_nr 529  
Protein Name Mp\_4g15270  
EC# NaN  
Organism Marchantia polymorpha subsp. ruderalis Tak-1  
GenBank BBN08887.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 528, dtype: object

row\_nr 530  
Protein Name Mp\_7g01660  
EC# NaN  
Organism Marchantia polymorpha subsp. ruderalis Tak-1  
GenBank BBN15875.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 529, dtype: object

row\_nr 531  
Protein Name Mp\_3g02080  
EC# NaN  
Organism Marchantia polymorpha subsp. ruderalis Tak-1  
GenBank BBN04116.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 530, dtype: object

row\_nr 532  
Protein Name MTYFL\_FM\_FN\_FO1G-E-15 (fragment)  
EC# NaN  
Organism Medicago truncatula  
GenBank ACJ83736.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 531, dtype: object

row\_nr 533  
Protein Name MTYFL\_FM\_FN\_FO1G-E-15 (fragment)  
EC# NaN  
Organism Medicago truncatula  
GenBank ACJ85837.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 532, dtype: object

row\_nr 534  
Protein Name invertase  
EC# NaN  
Organism Medicago truncatula  
GenBank QMS54621.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 533, dtype: object

row\_nr 535  
Protein Name invertase  
EC# NaN  
Organism Medicago truncatula  
GenBank QMS54622.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 534, dtype: object

row\_nr 536  
Protein Name MtrDRAFT\_AC152818g1v1 or MtrDRAFT\_AC144484g1v2  
EC# NaN  
Organism Medicago truncatula  
GenBank ABE77865.1ABE91216.1CAW96428.1CBD22035.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 535, dtype: object

row\_nr 537  
Protein Name MtrDRAFT\_AC141113g5v1  
EC# NaN  
Organism Medicago truncatula  
GenBank ABE94613.1ABO83865.1CAW96429.1CBD22036.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 536, dtype: object

row\_nr 538  
Protein Name neutral invertase 1 (Inv-n1)  
EC# NaN  
Organism Musa acuminata AAA Group  
GenBank AEY78488.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 537, dtype: object

row\_nr 539  
Protein Name neutral invertase 2 (Inv-n2)  
EC# NaN  
Organism Musa acuminata AAA Group  
GenBank AEY78489.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 538, dtype: object

row\_nr 540  
Protein Name GSMUA\_59000.1  
EC# NaN  
Organism Musa acuminata subsp. malaccensis Doubled-hapl...  
GenBank CAG1861006.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 539, dtype: object

row\_nr 541  
Protein Name GSMUA\_29810.1  
EC# NaN  
Organism Musa acuminata subsp. malaccensis Doubled-hapl...  
GenBank CAG1857657.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 540, dtype: object

row\_nr 542  
Protein Name GSMUA\_226660.1  
EC# NaN  
Organism Musa acuminata subsp. malaccensis Doubled-hapl...  
GenBank CAG1834561.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 541, dtype: object

row\_nr 543  
Protein Name GSMUA\_173440.1  
EC# NaN  
Organism Musa acuminata subsp. malaccensis Doubled-hapl...  
GenBank CAG1847549.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 542, dtype: object

row\_nr 544  
Protein Name GSMUA\_83710.1  
EC# NaN  
Organism Musa acuminata subsp. malaccensis Doubled-hapl...  
GenBank CAG1832451.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 543, dtype: object

row\_nr 545  
Protein Name GSMUA\_339790.1  
EC# NaN  
Organism Musa acuminata subsp. malaccensis Doubled-hapl...  
GenBank CAG1830725.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 544, dtype: object

row\_nr 546  
Protein Name GSMUA\_280350.1  
EC# NaN  
Organism Musa acuminata subsp. malaccensis Doubled-hapl...  
GenBank CAG1840174.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 545, dtype: object

row\_nr 547  
Protein Name GSMUA\_164670.1  
EC# NaN  
Organism Musa acuminata subsp. malaccensis Doubled-hapl...  
GenBank CAG1846672.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 546, dtype: object

row\_nr 548  
Protein Name GSMUA\_270620.1  
EC# NaN  
Organism Musa acuminata subsp. malaccensis Doubled-hapl...  
GenBank CAG1838885.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 547, dtype: object

row\_nr 549  
Protein Name GSMUA\_09890.1 (fragment)  
EC# NaN  
Organism Musa acuminata subsp. malaccensis Doubled-hapl...  
GenBank CAG1864639.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 548, dtype: object

row\_nr 550  
Protein Name GSMUA\_198440.1  
EC# NaN  
Organism Musa acuminata subsp. malaccensis Doubled-hapl...  
GenBank CAG1850722.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 549, dtype: object

row\_nr 551  
Protein Name GSMUA\_198610.1  
EC# NaN  
Organism Musa acuminata subsp. malaccensis Doubled-hapl...  
GenBank CAG1850705.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 550, dtype: object

row\_nr 552  
Protein Name neutral invertase (Inv1) (fragment)  
EC# NaN  
Organism Nicotiana langsdorffii x Nicotiana sanderae  
GenBank AAZ80874.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 551, dtype: object

row\_nr 553  
Protein Name ORF (fragment)  
EC# NaN  
Organism Nicotiana tabacum  
GenBank BAD83540.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 552, dtype: object

row\_nr 554  
Protein Name neutral invertase (NtINV3) (fragment)  
EC# NaN  
Organism Nicotiana tabacum  
GenBank BAC21162.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 553, dtype: object

row\_nr 555  
Protein Name invertase (NtINV2) (fragment)  
EC# NaN  
Organism Nicotiana tabacum  
GenBank BAC21161.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 554, dtype: object

row\_nr 556  
Protein Name β-fructofuranosidase, transcript variant 2  
EC# NaN  
Organism Nicotiana tabacum  
GenBank AII99811.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 555, dtype: object

row\_nr 557  
Protein Name OLC1\_LOCUS14237  
EC# NaN  
Organism Oldenlandia corymbosa var. corymbosa  
GenBank CAI9105569.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 556, dtype: object

row\_nr 558  
Protein Name OLC1\_LOCUS14237 (fragment)  
EC# NaN  
Organism Oldenlandia corymbosa var. corymbosa  
GenBank CAI9105570.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 557, dtype: object

row\_nr 559  
Protein Name OLC1\_LOCUS21469  
EC# NaN  
Organism Oldenlandia corymbosa var. corymbosa  
GenBank CAI9114831.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 558, dtype: object

row\_nr 560  
Protein Name OLC1\_LOCUS21469 (fragment)  
EC# NaN  
Organism Oldenlandia corymbosa var. corymbosa  
GenBank CAI9114834.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 559, dtype: object

row\_nr 561  
Protein Name OLC1\_LOCUS23090  
EC# NaN  
Organism Oldenlandia corymbosa var. corymbosa  
GenBank CAI9116931.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 560, dtype: object

row\_nr 562  
Protein Name OLC1\_LOCUS21469  
EC# NaN  
Organism Oldenlandia corymbosa var. corymbosa  
GenBank CAI9114833.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 561, dtype: object

row\_nr 563  
Protein Name OLC1\_LOCUS21469 (fragment)  
EC# NaN  
Organism Oldenlandia corymbosa var. corymbosa  
GenBank CAI9114832.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 562, dtype: object

row\_nr 564  
Protein Name OLC1\_LOCUS12717 (fragment)  
EC# NaN  
Organism Oldenlandia corymbosa var. corymbosa  
GenBank CAI9103587.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 563, dtype: object

row\_nr 565  
Protein Name OLC1\_LOCUS24681 (fragment)  
EC# NaN  
Organism Oldenlandia corymbosa var. corymbosa  
GenBank CAI9118912.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 564, dtype: object

row\_nr 566  
Protein Name OLC1\_LOCUS13578 (fragment)  
EC# NaN  
Organism Oldenlandia corymbosa var. corymbosa  
GenBank CAI9104700.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 565, dtype: object

row\_nr 567  
Protein Name OLC1\_LOCUS3270  
EC# NaN  
Organism Oldenlandia corymbosa var. corymbosa  
GenBank CAI9091314.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 566, dtype: object

row\_nr 568  
Protein Name OLC1\_LOCUS3270 (fragment)  
EC# NaN  
Organism Oldenlandia corymbosa var. corymbosa  
GenBank CAI9091315.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 567, dtype: object

row\_nr 569  
Protein Name OLC1\_LOCUS12717 (fragment)  
EC# NaN  
Organism Oldenlandia corymbosa var. corymbosa  
GenBank CAI9103586.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 568, dtype: object

row\_nr 570  
Protein Name OLC1\_LOCUS13578  
EC# NaN  
Organism Oldenlandia corymbosa var. corymbosa  
GenBank CAI9104699.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 569, dtype: object

row\_nr 571  
Protein Name OLC1\_LOCUS12717  
EC# NaN  
Organism Oldenlandia corymbosa var. corymbosa  
GenBank CAI9103585.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 570, dtype: object

row\_nr 572  
Protein Name OLC1\_LOCUS24681  
EC# NaN  
Organism Oldenlandia corymbosa var. corymbosa  
GenBank CAI9118911.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 571, dtype: object

row\_nr 573  
Protein Name unnamed protein product  
EC# NaN  
Organism Oryza sativa  
GenBank CAW96431.1CBD22038.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 572, dtype: object

row\_nr 574  
Protein Name unnamed protein product  
EC# NaN  
Organism Oryza sativa  
GenBank CAW96432.1CBD22039.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 573, dtype: object

row\_nr 575  
Protein Name unnamed protein product  
EC# NaN  
Organism Oryza sativa  
GenBank CAW96433.1CBD22040.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 574, dtype: object

row\_nr 576  
Protein Name unnamed protein product  
EC# NaN  
Organism Oryza sativa  
GenBank CAW96436.1CBD22043.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 575, dtype: object

row\_nr 577  
Protein Name Inv  
EC# NaN  
Organism Oryza sativa Indica Group  
GenBank AAO25633.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 576, dtype: object

row\_nr 578  
Protein Name neutral/alkaline invertase 1 (fragment)  
EC# NaN  
Organism Oryza sativa Indica Group  
GenBank AAV28809.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 577, dtype: object

row\_nr 579  
Protein Name neutral/alkaline invertase 5 (fragment)  
EC# NaN  
Organism Oryza sativa Indica Group  
GenBank AAV28813.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 578, dtype: object

row\_nr 580  
Protein Name neutral/alkaline invertase 2 (fragment)  
EC# NaN  
Organism Oryza sativa Indica Group  
GenBank AAV28810.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 579, dtype: object

row\_nr 581  
Protein Name neutral/alkaline invertase 8 (fragment)  
EC# NaN  
Organism Oryza sativa Indica Group  
GenBank AAV28816.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 580, dtype: object

row\_nr 582  
Protein Name neutral/alkaline invertase 3 (fragment)  
EC# NaN  
Organism Oryza sativa Indica Group  
GenBank AAV28811.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 581, dtype: object

row\_nr 583  
Protein Name neutral/alkaline invertase 4 (fragment)  
EC# NaN  
Organism Oryza sativa Indica Group  
GenBank AAV28812.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 582, dtype: object

row\_nr 584  
Protein Name neutral/alkaline invertase 6 (fragment)  
EC# NaN  
Organism Oryza sativa Indica Group  
GenBank AAV28814.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 583, dtype: object

row\_nr 585  
Protein Name H0321H01.13  
EC# NaN  
Organism Oryza sativa Indica Group  
GenBank CAH66504.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 584, dtype: object

row\_nr 586  
Protein Name OSNPB\_020125600 (Os02g0125600) (fragment)  
EC# NaN  
Organism Oryza sativa Japonica Group  
GenBank BAS76762.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 585, dtype: object

row\_nr 587  
Protein Name Os01g0332100  
EC# NaN  
Organism Oryza sativa Japonica Group  
GenBank BAD53496.1BAD53497.1BAD54740.1BAD54741.1BAF048...  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 586, dtype: object

row\_nr 588  
Protein Name Os02g0529400  
EC# NaN  
Organism Oryza sativa Japonica Group  
GenBank BAD25614.1BAD25431.1BAD25432.1BAD25615.1BAF089...  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 587, dtype: object

row\_nr 589  
Protein Name Os04g0409900  
EC# NaN  
Organism Oryza sativa Japonica Group  
GenBank CAE04897.2BAF14640.1BAS89103.1CAE04902.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 588, dtype: object

row\_nr 590  
Protein Name Os02g0550600  
EC# NaN  
Organism Oryza sativa Japonica Group  
GenBank BAD33266.1BAF09009.1BAG95698.1BAS79160.1CAW964...  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 589, dtype: object

row\_nr 591  
Protein Name Os11g0175400  
EC# NaN  
Organism Oryza sativa Japonica Group  
GenBank AAX95795.1BAF27723.1BAT12906.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 590, dtype: object

row\_nr 592  
Protein Name Os04g0432400  
EC# NaN  
Organism Oryza sativa Japonica Group  
GenBank CAE03041.3BAF14744.1BAG89564.1BAS89275.1BAS892...  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 591, dtype: object

row\_nr 593  
Protein Name P0482F12.5  
EC# NaN  
Organism Oryza sativa Japonica Group  
GenBank BAD08010.1CAW96422.1CBD22029.1XP\_463958.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 592, dtype: object

row\_nr 594  
Protein Name Os03g0314800  
EC# NaN  
Organism Oryza sativa Japonica Group  
GenBank CAW96410.1BAF11850.1BAS83897.1CBD22017.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 593, dtype: object

row\_nr 595  
Protein Name cytoplasmic invertase (CiN)  
EC# NaN  
Organism Paeonia lactiflora  
GenBank QBA82073.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 594, dtype: object

row\_nr 596  
Protein Name cytoplasmic invertase (Cin2)  
EC# NaN  
Organism Paeonia lactiflora  
GenBank QBA82072.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 595, dtype: object

row\_nr 597  
Protein Name cytoplasmic invertase (Cin1)  
EC# NaN  
Organism Paeonia lactiflora  
GenBank QBA82071.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 596, dtype: object

row\_nr 598  
Protein Name invertase (CiN)  
EC# NaN  
Organism Paeonia suffruticosa  
GenBank QNU13185.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 597, dtype: object

row\_nr 599  
Protein Name alkaline/neutral invertase 2 (Cin2)  
EC# NaN  
Organism Paeonia suffruticosa  
GenBank UHU35847.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 598, dtype: object

row\_nr 600  
Protein Name alkaline/neutral invertase 3 (Cin3)  
EC# NaN  
Organism Paeonia suffruticosa  
GenBank UHU35848.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 599, dtype: object

row\_nr 601  
Protein Name neutral invertase, partial (fragment)  
EC# NaN  
Organism Passiflora edulis  
GenBank AWW14810.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 600, dtype: object

row\_nr 602  
Protein Name neutral/alkaline invertase 1 (Sni1)  
EC# NaN  
Organism Phelipanche ramosa  
GenBank ADF27782.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 601, dtype: object

row\_nr 603  
Protein Name neutral/alkaline invertase 2 (Sni2)  
EC# NaN  
Organism Phelipanche ramosa  
GenBank ADF27783.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 602, dtype: object

row\_nr 604  
Protein Name NIN1 (fragment)  
EC# NaN  
Organism Populus angustifolia  
GenBank AGX27491.1AGX27472.1AGX27473.1AGX27474.1AGX274...  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 603, dtype: object

row\_nr 605  
Protein Name PopNinv1 (fragment)  
EC# NaN  
Organism Populus sp. UG-2006  
GenBank ABF50704.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 604, dtype: object

row\_nr 606  
Protein Name PopNinv2 (fragment)  
EC# NaN  
Organism Populus sp. UG-2006  
GenBank ABF50705.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 605, dtype: object

row\_nr 607  
Protein Name PopNinv3 (fragment)  
EC# NaN  
Organism Populus sp. UG-2006  
GenBank ABF50706.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 606, dtype: object

row\_nr 608  
Protein Name PopNinv4 (fragment)  
EC# NaN  
Organism Populus sp. UG-2006  
GenBank ABF50707.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 607, dtype: object

row\_nr 609  
Protein Name PopNinv5 (fragment)  
EC# NaN  
Organism Populus sp. UG-2006  
GenBank ABF50708.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 608, dtype: object

row\_nr 610  
Protein Name PopNinv6 (fragment)  
EC# NaN  
Organism Populus sp. UG-2006  
GenBank ABF50709.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 609, dtype: object

row\_nr 611  
Protein Name β-fructofuranosidase family protein  
EC# NaN  
Organism Populus tomentosa  
GenBank APR64421.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 610, dtype: object

row\_nr 612  
Protein Name Potri.009G129000 (SaC)  
EC# NaN  
Organism Populus tomentosa  
GenBank AXY97773.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 611, dtype: object

row\_nr 613  
Protein Name Prudu\_015403 (fragment)  
EC# NaN  
Organism Prunus dulcis  
GenBank BBH04305.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 612, dtype: object

row\_nr 614  
Protein Name Prudu\_015628 (fragment)  
EC# NaN  
Organism Prunus dulcis  
GenBank BBH04478.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 613, dtype: object

row\_nr 615  
Protein Name Prudu\_017982 (fragment)  
EC# NaN  
Organism Prunus dulcis  
GenBank BBH06347.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 614, dtype: object

row\_nr 616  
Protein Name Prudu\_020797 (fragment)  
EC# NaN  
Organism Prunus dulcis  
GenBank BBH08572.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 615, dtype: object

row\_nr 617  
Protein Name Prudu\_018125  
EC# NaN  
Organism Prunus dulcis  
GenBank BBH06462.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 616, dtype: object

row\_nr 618  
Protein Name Prudu\_022372  
EC# NaN  
Organism Prunus dulcis  
GenBank BBH09780.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 617, dtype: object

row\_nr 619  
Protein Name Prudu\_004730  
EC# NaN  
Organism Prunus dulcis  
GenBank BBG96042.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 618, dtype: object

row\_nr 620  
Protein Name Prudu\_000699 (fragment)  
EC# NaN  
Organism Prunus dulcis  
GenBank BBG92846.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 619, dtype: object

row\_nr 621  
Protein Name Prudu\_005866  
EC# NaN  
Organism Prunus dulcis  
GenBank BBG96909.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 620, dtype: object

row\_nr 622  
Protein Name Prudu\_000929  
EC# NaN  
Organism Prunus dulcis  
GenBank BBG93033.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 621, dtype: object

row\_nr 623  
Protein Name Prudu\_003197  
EC# NaN  
Organism Prunus dulcis  
GenBank BBG94820.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 622, dtype: object

row\_nr 624  
Protein Name Prudu\_011900  
EC# NaN  
Organism Prunus dulcis  
GenBank BBH01594.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 623, dtype: object

row\_nr 625  
Protein Name Prudu\_012360 (fragment)  
EC# NaN  
Organism Prunus dulcis  
GenBank BBH01944.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 624, dtype: object

row\_nr 626  
Protein Name cytosolic invertase 1 (Cinv1)  
EC# NaN  
Organism Prunus persica  
GenBank AFI57905.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 625, dtype: object

row\_nr 627  
Protein Name alkaline/neutral invertase C  
EC# NaN  
Organism Prunus persica  
GenBank AFI57906.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 626, dtype: object

row\_nr 628  
Protein Name neutral invertase (Ni1) (fragment)  
EC# NaN  
Organism Prunus persica  
GenBank CAL64380.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 627, dtype: object

row\_nr 629  
Protein Name ORF  
EC# NaN  
Organism Saccharum hybrid cultivar FN-41  
GenBank AGG41118.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 628, dtype: object

row\_nr 630  
Protein Name ORF  
EC# NaN  
Organism Saccharum hybrid cultivar FN-41  
GenBank AGG41113.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 629, dtype: object

row\_nr 631  
Protein Name ORF  
EC# NaN  
Organism Saccharum hybrid cultivar FN-41  
GenBank AGG41114.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 630, dtype: object

row\_nr 632  
Protein Name ORF  
EC# NaN  
Organism Saccharum hybrid cultivar FN-41  
GenBank AGG41115.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 631, dtype: object

row\_nr 633  
Protein Name ORF (fragment)  
EC# NaN  
Organism Saccharum hybrid cultivar FN-41  
GenBank AGG41116.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 632, dtype: object

row\_nr 634  
Protein Name ORF  
EC# NaN  
Organism Saccharum hybrid cultivar FN-41  
GenBank AGG41119.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 633, dtype: object

row\_nr 635  
Protein Name ORF  
EC# NaN  
Organism Saccharum hybrid cultivar FN-41  
GenBank AGG41120.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 634, dtype: object

row\_nr 636  
Protein Name ORF  
EC# NaN  
Organism Saccharum hybrid cultivar FN-41  
GenBank AGG41121.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 635, dtype: object

row\_nr 637  
Protein Name ORF  
EC# NaN  
Organism Saccharum hybrid cultivar FN-41  
GenBank AGG41122.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 636, dtype: object

row\_nr 638  
Protein Name alkaline/neutral invertase protein  
EC# NaN  
Organism Saccharum hybrid cultivar GT28  
GenBank AHK06420.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 637, dtype: object

row\_nr 639  
Protein Name alkaline/neutral invertase (Nin1)  
EC# NaN  
Organism Saccharum hybrid cultivar GT28  
GenBank AFV94466.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 638, dtype: object

row\_nr 640  
Protein Name 89558  
EC# NaN  
Organism Selaginella moellendorffii (Selmo1)  
GenBank NaN  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 639, dtype: object

row\_nr 641  
Protein Name 111393  
EC# NaN  
Organism Selaginella moellendorffii (Selmo1)  
GenBank NaN  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 640, dtype: object

row\_nr 642  
Protein Name 443960  
EC# NaN  
Organism Selaginella moellendorffii (Selmo1)  
GenBank NaN  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 641, dtype: object

row\_nr 643  
Protein Name 267827  
EC# NaN  
Organism Selaginella moellendorffii (Selmo1)  
GenBank NaN  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 642, dtype: object

row\_nr 644  
Protein Name 151264  
EC# NaN  
Organism Selaginella moellendorffii (Selmo1)  
GenBank NaN  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 643, dtype: object

row\_nr 645  
Protein Name ORF (fragment)  
EC# NaN  
Organism Solanum aethiopicum  
GenBank WMB97102.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 644, dtype: object

row\_nr 646  
Protein Name FruC  
EC# NaN  
Organism Solanum lycopersicum  
GenBank ABQ28669.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 645, dtype: object

row\_nr 647  
Protein Name ORF (fragment)  
EC# NaN  
Organism Solanum melongena  
GenBank WMB96912.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 646, dtype: object

row\_nr 648  
Protein Name ORF (fragment)  
EC# NaN  
Organism Solanum melongena  
GenBank WMB96661.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 647, dtype: object

row\_nr 649  
Protein Name ORF (fragment)  
EC# NaN  
Organism Solanum tuberosum  
GenBank AFW90589.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 648, dtype: object

row\_nr 650  
Protein Name MTR67\_047680  
EC# NaN  
Organism Solanum verrucosum  
GenBank WMV54295.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 649, dtype: object

row\_nr 651  
Protein Name MTR67\_049274  
EC# NaN  
Organism Solanum verrucosum  
GenBank WMV55889.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 650, dtype: object

row\_nr 652  
Protein Name MTR67\_046988  
EC# NaN  
Organism Solanum verrucosum  
GenBank WMV53603.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 651, dtype: object

row\_nr 653  
Protein Name MTR67\_021121  
EC# NaN  
Organism Solanum verrucosum  
GenBank WMV27736.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 652, dtype: object

row\_nr 654  
Protein Name MTR67\_017890 (fragment)  
EC# NaN  
Organism Solanum verrucosum  
GenBank WMV24505.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 653, dtype: object

row\_nr 655  
Protein Name MTR67\_012369 (fragment)  
EC# NaN  
Organism Solanum verrucosum  
GenBank WMV18984.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 654, dtype: object

row\_nr 656  
Protein Name MTR67\_028173  
EC# NaN  
Organism Solanum verrucosum  
GenBank WMV34788.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 655, dtype: object

row\_nr 657  
Protein Name MTR67\_006598  
EC# NaN  
Organism Solanum verrucosum  
GenBank WMV13213.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 656, dtype: object

row\_nr 658  
Protein Name MTR67\_002900  
EC# NaN  
Organism Solanum verrucosum  
GenBank WMV09515.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 657, dtype: object

row\_nr 659  
Protein Name MTR67\_005543  
EC# NaN  
Organism Solanum verrucosum  
GenBank WMV12158.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 658, dtype: object

row\_nr 660  
Protein Name unnamed protein product  
EC# NaN  
Organism Sorghum bicolor  
GenBank CAW96411.1CBD22018.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 659, dtype: object

row\_nr 661  
Protein Name AYBTSS11\_LOCUS28950  
EC# NaN  
Organism Sphenostylis stenocarpa  
GenBank CAJ1976807.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 660, dtype: object

row\_nr 662  
Protein Name AYBTSS11\_LOCUS30034 (fragment)  
EC# NaN  
Organism Sphenostylis stenocarpa  
GenBank CAJ1977864.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 661, dtype: object

row\_nr 663  
Protein Name AYBTSS11\_LOCUS9893  
EC# NaN  
Organism Sphenostylis stenocarpa  
GenBank CAJ1940763.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 662, dtype: object

row\_nr 664  
Protein Name AYBTSS11\_LOCUS2396  
EC# NaN  
Organism Sphenostylis stenocarpa  
GenBank CAJ1869756.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 663, dtype: object

row\_nr 665  
Protein Name AYBTSS11\_LOCUS25057  
EC# NaN  
Organism Sphenostylis stenocarpa  
GenBank CAJ1973000.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 664, dtype: object

row\_nr 666  
Protein Name AYBTSS11\_LOCUS8294  
EC# NaN  
Organism Sphenostylis stenocarpa  
GenBank CAJ1937947.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 665, dtype: object

row\_nr 667  
Protein Name SI7747\_01001038 (fragment)  
EC# NaN  
Organism Spirodela intermedia  
GenBank CAA2614659.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 666, dtype: object

row\_nr 668  
Protein Name SI7747\_05007023  
EC# NaN  
Organism Spirodela intermedia  
GenBank CAA2620854.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 667, dtype: object

row\_nr 669  
Protein Name SI7747\_05007129  
EC# NaN  
Organism Spirodela intermedia  
GenBank CAA2620960.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 668, dtype: object

row\_nr 670  
Protein Name SI7747\_11014802  
EC# NaN  
Organism Spirodela intermedia  
GenBank CAA2629164.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 669, dtype: object

row\_nr 671  
Protein Name SI7747\_11014082  
EC# NaN  
Organism Spirodela intermedia  
GenBank CAA2628440.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 670, dtype: object

row\_nr 672  
Protein Name SI7747\_01000473  
EC# NaN  
Organism Spirodela intermedia  
GenBank CAA2614071.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 671, dtype: object

row\_nr 673  
Protein Name SI8410\_11015932  
EC# NaN  
Organism Spirodela intermedia  
GenBank CAA7405254.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 672, dtype: object

row\_nr 674  
Protein Name SI8410\_05007744  
EC# NaN  
Organism Spirodela intermedia  
GenBank CAA7397081.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 673, dtype: object

row\_nr 675  
Protein Name SI8410\_05007627  
EC# NaN  
Organism Spirodela intermedia  
GenBank CAA7396964.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 674, dtype: object

row\_nr 676  
Protein Name SI8410\_01001153  
EC# NaN  
Organism Spirodela intermedia  
GenBank CAA7389046.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 675, dtype: object

row\_nr 677  
Protein Name SI8410\_01000555  
EC# NaN  
Organism Spirodela intermedia  
GenBank CAA7388287.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 676, dtype: object

row\_nr 678  
Protein Name SI8410\_11015178  
EC# NaN  
Organism Spirodela intermedia  
GenBank CAA7404500.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 677, dtype: object

row\_nr 679  
Protein Name neutral/alkaline invertase (CiN)  
EC# NaN  
Organism Symplocarpus renifolius  
GenBank BCQ84888.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 678, dtype: object

row\_nr 680  
Protein Name neutral/alkaline invertase (NinV)  
EC# NaN  
Organism Taxus chinensis  
GenBank AIQ85025.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 679, dtype: object

row\_nr 681  
Protein Name TAV2\_ LOCUS\t1709  
EC# NaN  
Organism Thlaspi arvense  
GenBank CAH2035453.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 680, dtype: object

row\_nr 682  
Protein Name TAV2\_ LOCUS\t3660  
EC# NaN  
Organism Thlaspi arvense  
GenBank CAH2033638.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 681, dtype: object

row\_nr 683  
Protein Name TAV2\_ LOCUS\t23028  
EC# NaN  
Organism Thlaspi arvense  
GenBank CAH2076763.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 682, dtype: object

row\_nr 684  
Protein Name TAV2\_ LOCUS\t16750  
EC# NaN  
Organism Thlaspi arvense  
GenBank CAH2066843.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 683, dtype: object

row\_nr 685  
Protein Name TAV2\_ LOCUS\t19690  
EC# NaN  
Organism Thlaspi arvense  
GenBank CAH2072162.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 684, dtype: object

row\_nr 686  
Protein Name TAV2\_ LOCUS\t19877  
EC# NaN  
Organism Thlaspi arvense  
GenBank CAH2070693.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 685, dtype: object

row\_nr 687  
Protein Name TAV2\_ LOCUS\t5931  
EC# NaN  
Organism Thlaspi arvense  
GenBank CAH2046765.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 686, dtype: object

row\_nr 688  
Protein Name TAV2\_ LOCUS\t9999 (fragment)  
EC# NaN  
Organism Thlaspi arvense  
GenBank CAH2054925.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 687, dtype: object

row\_nr 689  
Protein Name TAV2\_ LOCUS\t9493  
EC# NaN  
Organism Thlaspi arvense  
GenBank CAH2054806.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 688, dtype: object

row\_nr 690  
Protein Name alkaline invertase (AinV)  
EC# NaN  
Organism Triticum aestivum  
GenBank CAL26914.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 689, dtype: object

row\_nr 691  
Protein Name ORF (fragment)  
EC# NaN  
Organism Triticum monococcum  
GenBank ACJ07081.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 690, dtype: object

row\_nr 692  
Protein Name ORF (fragment)  
EC# NaN  
Organism Triticum urartu  
GenBank ACJ07083.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 691, dtype: object

row\_nr 693  
Protein Name Invertase, partial (fragment)  
EC# NaN  
Organism Vaccinium corymbosum  
GenBank QYZ90188.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 692, dtype: object

row\_nr 694  
Protein Name VFH\_VI063160  
EC# NaN  
Organism Vicia faba  
GenBank CAI8617174.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 693, dtype: object

row\_nr 695  
Protein Name VFH\_VI152440  
EC# NaN  
Organism Vicia faba  
GenBank CAI8619053.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 694, dtype: object

row\_nr 696  
Protein Name VFH\_V174800  
EC# NaN  
Organism Vicia faba  
GenBank CAI8615354.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 695, dtype: object

row\_nr 697  
Protein Name VFH\_III122800  
EC# NaN  
Organism Vicia faba  
GenBank CAI8604231.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 696, dtype: object

row\_nr 698  
Protein Name VFH\_III091800  
EC# NaN  
Organism Vicia faba  
GenBank CAI8603571.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 697, dtype: object

row\_nr 699  
Protein Name VFH\_IV235520  
EC# NaN  
Organism Vicia faba  
GenBank CAI8611562.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 698, dtype: object

row\_nr 700  
Protein Name VIGAN\_08180900 (Vigan.08g180900)  
EC# NaN  
Organism Vigna angularis var. angularis  
GenBank BAT95141.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 699, dtype: object

row\_nr 701  
Protein Name VIGAN\_08103800 (Vigan.08g103800) (fragment)  
EC# NaN  
Organism Vigna angularis var. angularis  
GenBank BAT94433.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 700, dtype: object

row\_nr 702  
Protein Name VIGAN\_04375300 (Vigan.04g375300)  
EC# NaN  
Organism Vigna angularis var. angularis  
GenBank BAT86130.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 701, dtype: object

row\_nr 703  
Protein Name VIGAN\_01509700 (Vigan.01g509700)  
EC# NaN  
Organism Vigna angularis var. angularis  
GenBank BAT77018.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 702, dtype: object

row\_nr 704  
Protein Name VIGAN\_02014600 (Vigan.02g014600)  
EC# NaN  
Organism Vigna angularis var. angularis  
GenBank BAT77561.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 703, dtype: object

row\_nr 705  
Protein Name VIGAN\_01078900 (Vigan.01g078900)  
EC# NaN  
Organism Vigna angularis var. angularis  
GenBank BAT73316.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 704, dtype: object

row\_nr 706  
Protein Name DEO72\_LG2g423  
EC# NaN  
Organism Vigna unguiculata  
GenBank QCD80104.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 705, dtype: object

row\_nr 707  
Protein Name DEO72\_LG2g5130  
EC# NaN  
Organism Vigna unguiculata  
GenBank QCD84772.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 706, dtype: object

row\_nr 708  
Protein Name DEO72\_LG6g3128  
EC# NaN  
Organism Vigna unguiculata  
GenBank QCD98407.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 707, dtype: object

row\_nr 709  
Protein Name DEO72\_LG9g2264  
EC# NaN  
Organism Vigna unguiculata  
GenBank QCE07247.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 708, dtype: object

row\_nr 710  
Protein Name DEO72\_LG9g3002  
EC# NaN  
Organism Vigna unguiculata  
GenBank QCE07979.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 709, dtype: object

row\_nr 711  
Protein Name VaNinv1 (fragment)  
EC# NaN  
Organism Viscum album subsp. album  
GenBank ABF50710.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 710, dtype: object

row\_nr 712  
Protein Name VaNinv2 (fragment)  
EC# NaN  
Organism Viscum album subsp. album  
GenBank ABF50711.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 711, dtype: object

row\_nr 713  
Protein Name VitviT2T\_027376 (fragment)  
EC# NaN  
Organism Vitis vinifera  
GenBank WKA09756.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 712, dtype: object

row\_nr 714  
Protein Name VitviT2T\_023714  
EC# NaN  
Organism Vitis vinifera  
GenBank WKA05769.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 713, dtype: object

row\_nr 715  
Protein Name VitviT2T\_027881  
EC# NaN  
Organism Vitis vinifera  
GenBank WKA10305.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 714, dtype: object

row\_nr 716  
Protein Name VitviT2T\_008725 (fragment)  
EC# NaN  
Organism Vitis vinifera  
GenBank WJZ89508.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 715, dtype: object

row\_nr 717  
Protein Name VitviT2T\_008724  
EC# NaN  
Organism Vitis vinifera  
GenBank WJZ89507.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 716, dtype: object

row\_nr 718  
Protein Name VitviT2T\_006160  
EC# NaN  
Organism Vitis vinifera  
GenBank WJZ86727.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 717, dtype: object

row\_nr 719  
Protein Name VitviT2T\_009040  
EC# NaN  
Organism Vitis vinifera  
GenBank WJZ89852.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 718, dtype: object

row\_nr 720  
Protein Name VitviT2T\_028541  
EC# NaN  
Organism Vitis vinifera  
GenBank WKA11004.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 719, dtype: object

row\_nr 721  
Protein Name VitviT2T\_019620  
EC# NaN  
Organism Vitis vinifera  
GenBank WKA01335.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 720, dtype: object

row\_nr 722  
Protein Name VitviT2T\_020812  
EC# NaN  
Organism Vitis vinifera  
GenBank WKA02651.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 721, dtype: object

row\_nr 723  
Protein Name VITISV\_029106  
EC# NaN  
Organism Vitis vinifera  
GenBank CAN63178.1ABS52644.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 722, dtype: object

row\_nr 724  
Protein Name VITISV\_042185 (fragment)  
EC# NaN  
Organism Vitis vinifera  
GenBank CAN76975.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 723, dtype: object

row\_nr 725  
Protein Name VITISV\_015204 (fragment)  
EC# NaN  
Organism Vitis vinifera  
GenBank CAN82082.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 724, dtype: object

row\_nr 726  
Protein Name ni1  
EC# NaN  
Organism Vitis vinifera  
GenBank CAP59641.1CAP59642.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 725, dtype: object

row\_nr 727  
Protein Name ni2  
EC# NaN  
Organism Vitis vinifera  
GenBank CAP59643.1CAP59644.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 726, dtype: object

row\_nr 728  
Protein Name ni3  
EC# NaN  
Organism Vitis vinifera  
GenBank CAP59645.1CAP59646.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 727, dtype: object

row\_nr 729  
Protein Name unknown  
EC# NaN  
Organism Zea mays  
GenBank ACG29128.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 728, dtype: object

row\_nr 730  
Protein Name unknown (fragment)  
EC# NaN  
Organism Zea mays  
GenBank ACG44831.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 729, dtype: object

row\_nr 731  
Protein Name unknown (fragment)  
EC# NaN  
Organism Zea mays  
GenBank ACG45616.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 730, dtype: object

row\_nr 732  
Protein Name unnamed protein product  
EC# NaN  
Organism Zea mays  
GenBank CAW96413.1CBD22020.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 731, dtype: object

row\_nr 733  
Protein Name unnamed protein product  
EC# NaN  
Organism Zea mays  
GenBank CAW96442.1CBD22049.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 732, dtype: object

row\_nr 734  
Protein Name unknown  
EC# NaN  
Organism Zea mays B73  
GenBank ACL54498.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 733, dtype: object

row\_nr 735  
Protein Name unknown  
EC# NaN  
Organism Zea mays B73  
GenBank ACN34188.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 734, dtype: object

row\_nr 736  
Protein Name unknown (ZM\_BFc0117K04)  
EC# NaN  
Organism Zea mays B73  
GenBank ACF78727.1ACN28251.1ACN28757.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 735, dtype: object

row\_nr 737  
Protein Name unknown (ZM\_BFb0338C03) (fragment)  
EC# NaN  
Organism Zea mays B73  
GenBank ACF83893.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 736, dtype: object

row\_nr 738  
Protein Name unknown (ZM\_BFc0049K13)  
EC# NaN  
Organism Zea mays B73  
GenBank ACF84899.1ACG27641.1CAW96412.1CAW96441.1CBD220...  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 737, dtype: object

row\_nr 739  
Protein Name unknown (ZM\_BFc0100D21)  
EC# NaN  
Organism Zea mays B73  
GenBank ACF88123.1  
Uniprot NaN  
PDB/3D NaN  
Unnamed: 7 NaN  
Name: 738, dtype: object