



MM.2017braw\_14946763 tol MM.2017braw\_112694259 metal MM.2017braw\_89843489 ph MM.2017braw\_117339630 heme MM.2017braw\_89804667 nd4 MM.2017braw\_119388064 heme MM.2017braw\_149450915 nd4 MM.2017braw\_3259054 heme MM.2017braw\_186176346 tol MM.2017braw\_67374868 mono,rib,sug5 MM.2017braw\_111688358 glbt MM.2017braw\_50226794 sulf MM.2017braw\_719596 ph MM.2017braw\_67578809 mono,rib MM.2017braw\_198166742 nd2 MM.2017braw\_134558054 tol MM.2017braw\_153816643 nd2 MM.2017braw\_64882974 rib MM.2017braw\_147524241 heme MM.2017braw\_180103866 glbt MM.2017braw\_75902068 nd4 MM.2017braw\_133605647 nd3 MM.2017braw\_36363362 aa MM.2017braw\_48135755 sug5 MM.2017braw\_23536568 sulf MM.2017braw\_3634675 aa,glu MM.2017braw\_67636835 sug5 MM.2017braw\_95792278 nd2 MM.2017braw\_114299693 sulf MM.2017braw\_39558368 ph MM.2017braw\_89640218 nd4 MM.2017braw\_133587837 nd4 MM.2017braw\_73414101 mo MM.2017braw\_133598809 metal MM.2017braw\_147397975 glu3 MM.2017braw\_117511451 nd3 MM.2017braw\_117486020 sulf MM.2017braw\_181148789 nd2 MM.2017braw\_139071667 nd2 MM.2017braw\_18764737 sulf MM.2017braw\_48217390 braa,glu2,urea MM.2017braw\_73020724 heme MM.2017braw\_67694185 glbt MM.2017braw\_73649351 mo MM.2017braw\_11290912 mo MM.2017braw\_36284752 sulf MM.2017braw\_73549129 nd2 MM.2017braw\_60546241 sp MM.2017braw\_36309926 aa MM.2017braw\_7364237 sulf MM.2017braw\_7338941 nd2 MM.2017braw\_86622547 nd3 MM.2017braw\_89833053 braa MM.2017braw\_5972144 glbt MM.2017braw\_112209368 heme MM.2017braw\_7197438 heme MM.2017braw\_23520134 metal MM.2017braw\_47038524 metal MM.2017braw\_112703574 mo MM.2017braw\_23592821 mo MM.2017braw\_59390736 mo MM.2017braw\_67637003 mo MM.2017braw\_8059087 mo MM.2017braw\_86722357 mo MM.2017braw\_47848188 nd4 MM.2017braw\_11664127 sug5 MM.2017braw\_23549036 sug5 MM.2017braw\_146504031 sulf