- Mrub_1054  Adenosylhomocysteine nucleosidase (227 aa)
- Mrub_0072  Cys/Met metabolism pyridoxal-phosphate-dependent protein (368 aa)
- metE      5-methyltetrahydropteroylglutamate–homocysteine methyltransferase;
- Mrub_1138  methionine synthase (1215 aa)
- Mrub_0412  aminotransferase class I and II (386 aa)
- Mrub_1708  O-acetylhomoserine/O-acetylserine sulfhydrylase (430 aa)
- Mrub_0481  O-acetylhomoserineaminocarboxypropyltransferase (422 aa)
- Mrub_1655  cysteine synthase (315 aa)
- Mrub_2400  Homoserine dehydrogenase (338 aa)
- thrB      homoserine kinase;