Electronic Supplementary Material (ESI) for RSC Advances.

Metabolic characterisation of *Magnetospirillum gryphiswaldense* MSR-1 using LC-MS-based metabolite profiling

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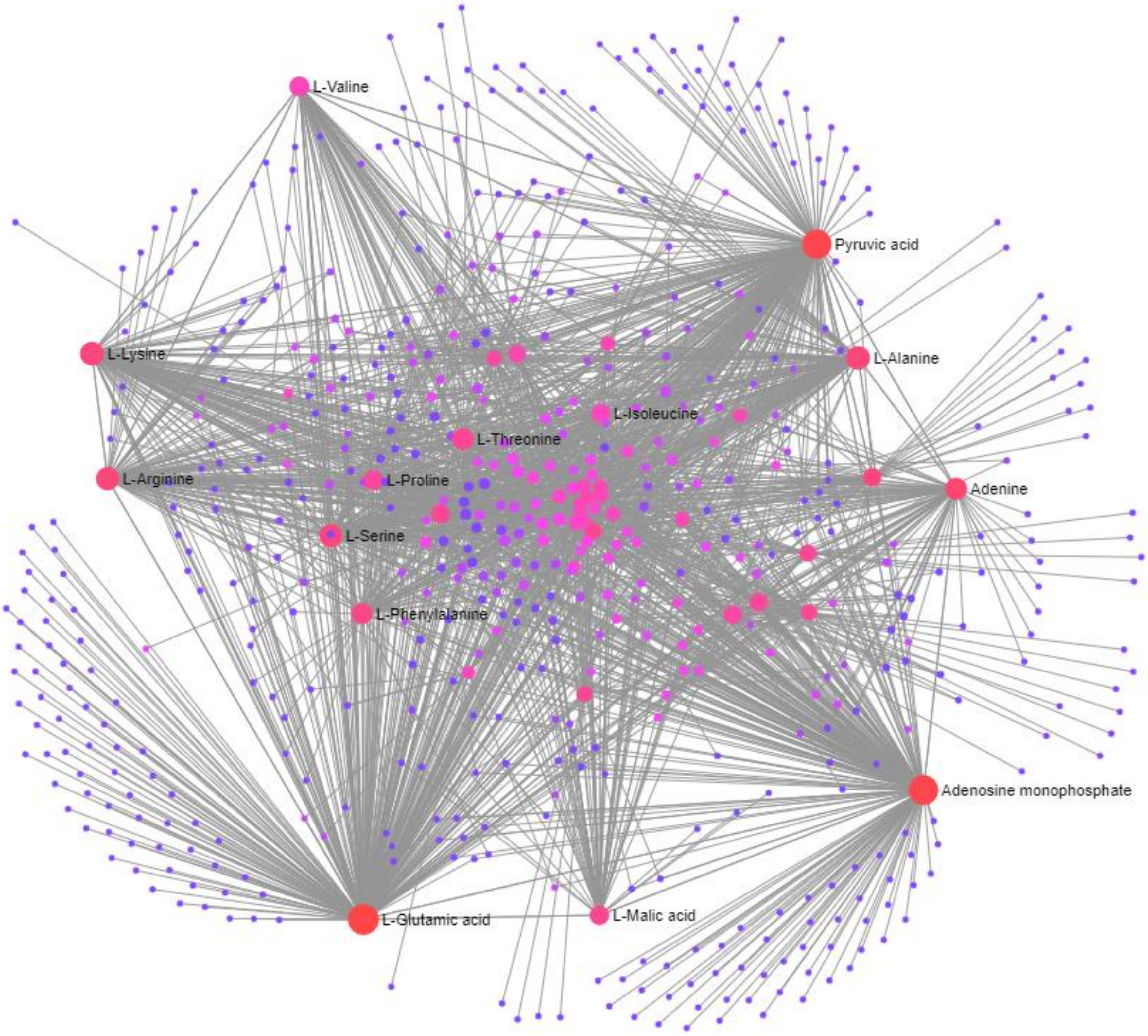

Figure S1 Metabolite interaction mapping of the significantly altered metabolites in the spent media samples of magnetosome compared to non-magnetosome producing cells by MetaboAnalyst 4.0.

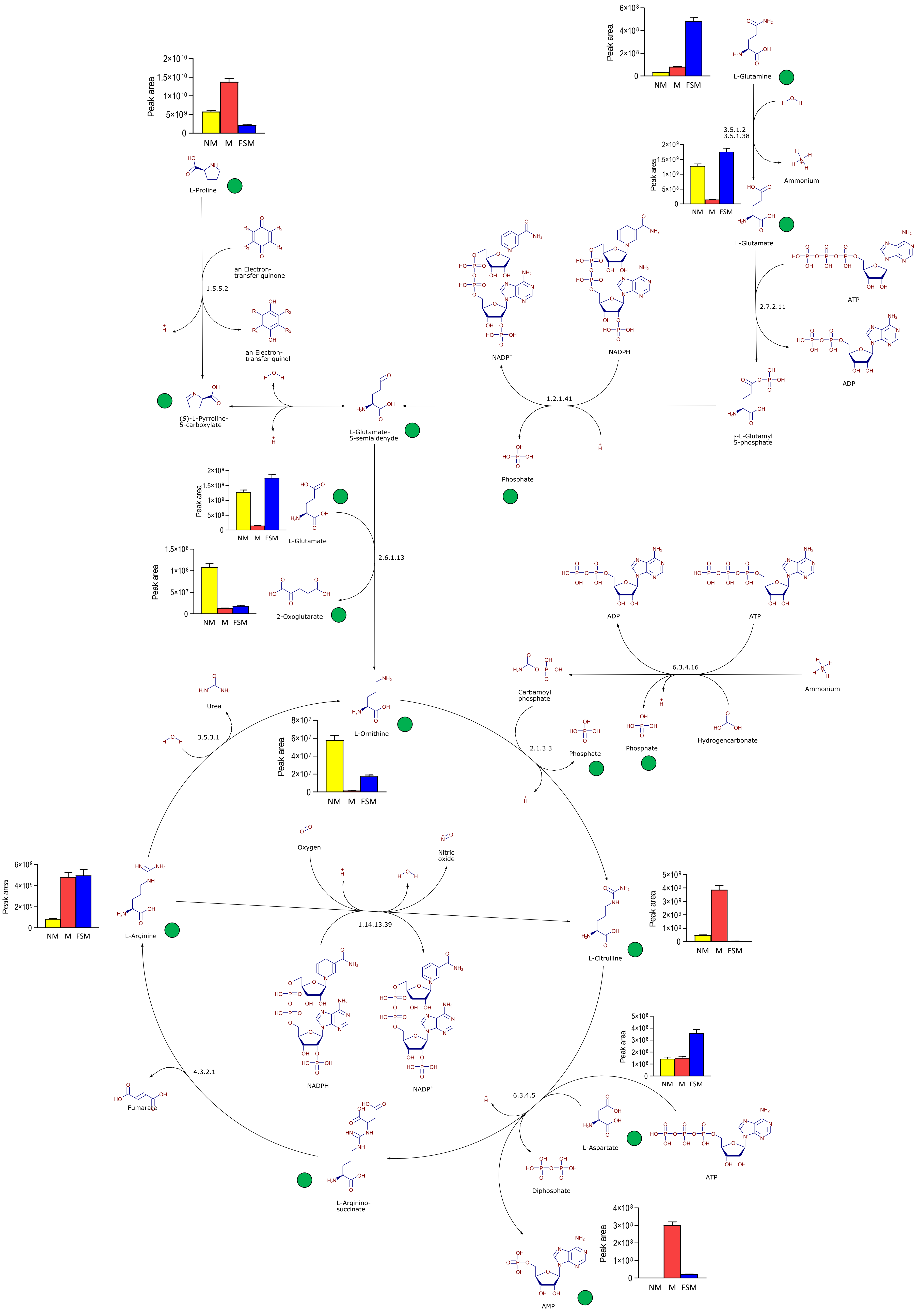

Figure S2 Pathway mapping of components metabolites detected in the spent media samples of non- (NM), magnetosome (M) producing *Mgryph* cells and control FSM. Green circle indicates that the metabolite was detected in the samples while the bar graph shows the relative abundance of metabolites expressed as Peak areas (arbitrary units).