

GPGPU-enabled parallel sampling of large scale metabolic models

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Abstract—

I. INTRODUCTION

II. MATERIAL AND METHODS

III. RESULTS

Model	Points	Steps	Intel Xeon (3.5 Ghz)	Quadro K600 (0.87 Ghz)	Tesla M2090
Ecoli core	1000	1000	42	1.9	1.2
Ecoli core	5000	1000	208	8.3	1.88
Ecoli core	10000	1000	420	17.8	3.33
P Putida	1000	1000	103		32
P Putida	5000	1000	516		59
P Putida	10000	1000	1081		111
Recon2	1000	1000			
Recon2	5000	1000			
Recon2	10000	1000			

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The experiments presented in this paper were carried out using the HPC facilities of the University of Luxembourg [?]

– see <http://hpc.uni.lu>.

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