Parallel-META 3 release note

Version 3.5
Release date: 01/30/2019

I. Function update

- Support of ITS sequences
- Support of OTU table format for *PM-pipeline* (-T)
- Support of OTU table format for *PM-rand-rare* (-T)
- Added *PM-predict-func-contribute* to calculate the contribution of OTUs to functional profiles
- IO format and performance optimization
- Warning and error information in error.log
- Removed PM-split-table and PM-split-matrix
- Changed some binary file names for easy understanding:

Previous name	**New name**	**Description**
PM-class-tax	*PM-plot-taxa*	taxonomy profile visualization by Krona
PM-class-func	*PM-predict-func*	function prediction from taxonomy profiles
PM-class-func-nsti	*PM-predict-func-nsti*	NSTI calculation for functional prediction
PM-taxa-sel	*PM-select-taxa*	makes OTU/taxa feature tables.
PM-func-sel	*PM-select-func*	makes functional feature tables.
PM-comp-sam	*PM-comp-taxa*	calculates similarity/distance among samples by OTU profiles
PM-comp-sam-func	*PM-comp-func*	calculates similarity/distance among samples by functional profiles

II. Bug fixing

- 16S rRNA copy number correction option in *PM-pipeline* (-r)
- Typos and errors in users' manual

III. Others

- We strongly recommend all users to update their Parallel-META 3 to 3.5