Important packages for phylodynamics

* ape
* phangorn
* phyclust: has ms and seq-gen tools features
* DECIPHER: have consensus sequence from an alignment
* **treedater**: calibrate the tree > time stamped tree
* geiger,
* **picante**: compute internal nodes dates
* apTreeshape: tree spectrum
* phytools:
* treeman: tree manipulation
* adephylo: compute distance from the root to the tips (distRoot)
* rPlant: it contain fasttree features to construct phylogenetic tree with many sequences
* NetIndices: for network with many features
* treetop: tree topology statistics

Features ms, seq-gen and FastTree (tools developped in C) in R.