

$B_{\{\}} [L_, R_] := LR;$

$B_{\{is_ \}} [L_E, R_E] := \text{Module}[\{n\},$

Times [

$L /. \text{Table}[(v : b | B | t | T | a | x | y)_i \rightarrow v_{n@i},$
 $\{i, \{is\}\}],$

$R /. \text{Table}[(v : \beta | \tau | \alpha | \mathcal{A} | \mathcal{E} | \eta)_i \rightarrow v_{n@i}, \{i, \{is\}\}]$

$] // \text{LZipJoin@@Table}[\{\beta_{n@i}, \tau_{n@i}, a_{n@i}\}, \{i, \{is\}\}] //$

$\text{QZipJoin@@Table}[\{\mathcal{E}_{n@i}, y_{n@i}\}, \{i, \{is\}\}]];$

$B_{is_} [L_, R_] := B_{\{is\}} [L, R];$