

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

$B_{\{is_ \}} [L_E, R_E] := \text{Module} [\{n\}, \text{Times} [$
 $L /. \text{Table} [(v : b | B | t | T | a | x | y)_i \rightarrow v_{n@i}, \{i, \{is\}\}],$
 $R /. \text{Table} [(v : \beta | \tau | \alpha | \mathcal{A} | \xi | \eta)_i \rightarrow v_{n@i}, \{i, \{is\}\}]$
 $] // \text{LZipJoin@@Table} [\{\beta_{n@i}, \tau_{n@i}, a_{n@i}\}, \{i, \{is\}\}] //$
 $\text{QZipJoin@@Table} [\{\xi_{n@i}, y_{n@i}\}, \{i, \{is\}\}]];$

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