

```

B{} [L_, R_] := L R;
B{is__} [L_ $\mathcal{E}$ , R_ $\mathcal{E}$ ] := PPB@Module[{n},
  Times[
    L /. Table[(v : b | B | t | T | a | x | y)i → vn@i,
      {i, {is}}],
    R /. Table[(v :  $\beta$  |  $\tau$  |  $\alpha$  |  $\mathcal{A}$  |  $\mathcal{E}$  |  $\eta$ )i → vn@i, {i, {is}}]
  ] // LZipJoin@@Table[ $\{\beta_{n@i}, \tau_{n@i}, a_{n@i}\}, \{i, \{is\}\}$ ] //
  QZipJoin@@Table[ $\{\mathcal{E}_{n@i}, y_{n@i}\}, \{i, \{is\}\}$ ];
Bis__ [L_, R_] := B{is} [L, R];

```