CREATE

OR

REPLACE

FUNCTION db\_23\_0853\_ancestry\_2023.sp\_check\_2\_consecutive\_vowel(character varying, character varying) RETURNS refcursor LANGUAGE plpgsql

SET

search\_path TO 'db\_23\_0853\_ancestry\_2023' AS $function $DECLARE var\_sql varchar;

cursor\_result refcursor := 'cursor\_result';

BEGIN

/\*

$1: batch name, empty mean all

$2: fieldname

\*/

var\_sql := '

SELECT data\_value as ' || quote\_ident($2) || ', amount

FROM sp\_split\_single\_word\_by\_field($1,$2)

WHERE data\_value ~\* ''[aeiou]{2}''

ORDER BY 2 DESC, 1

';

OPEN cursor\_result FOR

EXECUTE

(var\_sql) USING $1,

$2;

RETURN

cursor\_result;

END;

$function $

CREATE

OR

REPLACE

FUNCTION db\_23\_0853\_ancestry\_2023.sp\_check\_3\_same\_consecutive\_consonant(character varying, character varying) RETURNS refcursor LANGUAGE plpgsql

SET

search\_path TO 'db\_23\_0853\_ancestry\_2023' AS $function $DECLARE var\_condition varchar;

var\_sql varchar;

cursor\_result refcursor := 'cursor\_result';

BEGIN

/\*

$1: batch name, empty mean all

$2: fieldname

\*/

var\_sql := '

SELECT data\_value as ' || quote\_ident($2) || ', amount

FROM sp\_split\_single\_word\_by\_field($1,$2)

WHERE data\_value ~\* ''[b]{3}'' OR data\_value ~\* ''[c]{3}''OR data\_value ~\* ''[d]{3}'' OR data\_value ~\* ''[f]{3}'' OR data\_value ~\* ''[g]{3}''

OR data\_value ~\* ''[h]{3}'' OR data\_value ~\* ''[j]{3}''OR data\_value ~\* ''[k]{3}'' OR data\_value ~\* ''[l]{3}'' OR data\_value ~\* ''[m]{3}''

OR data\_value ~\* ''[n]{3}'' OR data\_value ~\* ''[p]{3}''OR data\_value ~\* ''[q]{3}'' OR data\_value ~\* ''[r]{3}'' OR data\_value ~\* ''[s]{3}''

OR data\_value ~\* ''[t]{3}'' OR data\_value ~\* ''[v]{3}''OR data\_value ~\* ''[w]{3}'' OR data\_value ~\* ''[x]{3}'' OR data\_value ~\* ''[y]{3}'' OR data\_value ~\* ''[z]{3}''

ORDER BY 2 DESC, 1

';

OPEN cursor\_result FOR

EXECUTE

(var\_sql) USING $1,

$2;

RETURN

cursor\_result;

END;

$function $

CREATE

OR

REPLACE

FUNCTION db\_23\_0853\_ancestry\_2023.sp\_check\_3\_consecutive\_vowel(character varying, character varying) RETURNS refcursor LANGUAGE plpgsql

SET

search\_path TO 'db\_23\_0853\_ancestry\_2023' AS $function $DECLARE var\_sql varchar;

cursor\_result refcursor := 'cursor\_result';

BEGIN

/\*

$1: batch name, empty mean all

$2: fieldname

aeiou

\*/

var\_sql := '

SELECT data\_value as ' || quote\_ident($2) || ', amount

FROM sp\_split\_single\_word\_by\_field($1,$2)

WHERE data\_value ~\* ''[a]{3}'' or data\_value ~\* ''[e]{3}'' or data\_value ~\* ''[o]{3}'' or data\_value ~\* ''[u]{3}'' or data\_value ~\* ''[i]{3}''

ORDER BY 2 DESC, 1

';

OPEN cursor\_result FOR

EXECUTE

(var\_sql) USING $1,

$2;

RETURN

cursor\_result;

END;

$function $

CREATE

OR

REPLACE

FUNCTION db\_23\_0853\_ancestry\_2023.sp\_check\_3\_consecutive\_consonant(character varying, character varying) RETURNS refcursor LANGUAGE plpgsql

SET

search\_path TO 'db\_23\_0853\_ancestry\_2023' AS $function $DECLARE var\_condition varchar;

var\_sql varchar;

cursor\_result refcursor := 'cursor\_result';

BEGIN

/\*

$1: batch name, empty mean all

$2: fieldname

\*/

var\_sql := '

SELECT data\_value as ' || quote\_ident($2) || ', amount

FROM sp\_split\_single\_word\_by\_field($1,$2)

WHERE data\_value ~\* ''[b-df-hj-np-tv-z]{3}''

ORDER BY 2 DESC, 1

';

OPEN cursor\_result FOR

EXECUTE

(var\_sql) USING $1,

$2;

RETURN

cursor\_result;

END;

$function $

