list_1[2,24]

STM: cons_neq_nil

ABS: null(*as*) **null**

STM: null_wf

STM: null_wf2

STM: assert_of_null

ABS: *as* @ *bs* **append**

STM: append_wf

STM: comb_for_append_wf

STM: append_assoc

STM: append_back_nil

ABS: $\|as\|$ **length**

STM: length_wf1

STM: comb_for_length_wf1

STM: length_wf2

STM: comb_for_length_wf2

STM: length_cons

STM: length_nil

STM: non_neg_length

STM: pos_length

STM: length_append

STM: length_of_not_nil

STM: length_of_null_list

ABS: map(*f*;*as*) **map**

STM: map_wf

STM: comb_for_map_wf

STM: map_length

STM: map_map

STM: map_append

STM: map_id

ABS: hd(l) **hd**

ABS: tl(l) **tl**

STM: hd_wf

STM: tl_wf

STM: length_tl

ABS: nth_tl(n;as) **nth_tl**

STM: nth_tl_wf

STM: length_nth_tl

ABS: rev(as) **reverse**

STM: reverse_wf

STM: reverse_append

ABS: firstn(n;as) **firstn**

STM: firstn_wf

STM: comb_for_firstn_wf

STM: length_firstn

ABS: $as[m..n^-]$ **segment**

STM: segment_wf

STM: comb_for_segment_wf

STM: length_segment

STM: eq_cons_imp_eq_tls

STM: eq_cons_imp_eq_hds

ABS: $l[i]$ **select**

STM: select_wf

STM: comb_for_select_wf

STM: select_cons_hd

STM: select_cons_tl

STM: select_append_back

STM: select_append_front

STM: select_append

STM: select_tl

STM: select_nth_tl

STM: select_firstn

ABS: $as\backslash[i]$ **reject**

STM: reject_wf

STM: reject_cons_hd

STM: reject_cons_tl

STM: map_select

ABS: reduce($f;k;as$) **reduce**

STM: reduce_wf

ABS: For$\{T,op,id\}$ $x \in as.$ $f(x)$ **for**

STM: for_wf

ABS: mapcons($f;as$) **mapcons**

STM: mapcons_wf

ABS: ForHdTl$\{A,f,k\}$ $h{::}t \in as.$ $g(h;t)$ **for_hdtl**

STM: for_hdtl_wf

ABS: $f\{m..n^-\}$ **listify**

STM: listify_wf

STM: comb_for_listify_wf

STM: listify_length

STM: listify_select_id

STM: select_listify_id

ABS: A List(n) **list_n**

STM: list_n_wf

STM: list_n_properties

ABS: mapc(f) **mapc**

STM: mapc_wf

STM: list_append_ind