

| MARKER | LINEAGE | SOURCE | DILUTION |
|-------------------------|--|---|-------------------------|
| H/K-ATPase | Parietal cells | Fitzgerald, 10R-H100b | 1:10,000 or 1:50,000 |
| Mist1 | Chief cells | Gift from Jason Mills, Wash. U., St. Louis | 1:2,000 |
| Muc5AC | Surface cells | NeoMarkers, MS-551-P | 1:500 |
| MUC6 | Mucous neck cells and deep antral mucous cells | Kanto Chemical, 25503-96 | 1:500 |
| Chromogranin A | Enteroendocrine cells | AbD Serotec, MCA845 | 1:200 |
| Somatostatin | D cells | DAKO, A0566 | 1:200 |
| Serotonin | EC cells | Abcam, ab16007 | 1:100 |
| Gastrin | G cells | BioGenex, AR019-5R | 1:100 |
| Ghrelin | X cells | Phoenix Pharmaceuticals, H-031-31 | 1:10,000 |
| Histadine decarboxylase | ECL cells | Fitzgerald, 20R-HP001 | 1:1,000 |
| Ki-67 | Proliferative cells | DAKO, A0047 | 1:300 |
| Dclk1 | Tuft cells | Abcam, ab109029 | 1:1,000 |
| Pdx1 | Antral gland cells | Gift from Christopher Wright, Vanderbilt | 1:500 |
| Sox2 | Gastric stem cells | Santa Cruz, SC-17320 | 1:300 |

SUPPLEMENTAL TABLE 2. List of primary antibodies used in this study with sources and working dilutions.