



**Figure S2.** Parameters in the gastrointestinal tract used for the quantitative histopathological assessment: **se**; serosa, **ms**; muscularis, **sg**; stratum granulosum height, **sc**; stratum compactum height, **sm**; thickness of sub-epithelium mucosa, **lp**; lamina propria width, **ew**; enterocytes width, **snv**; supranuclear vacuoles width, **mfw**; mucosal fold width, **mfh**; mucosal fold height, **gc**; goblet cell.