Supplementary Fig. 1. Tissue intracellular localization of Zn. Confocal laser scanning microscopy for identification of Zinc content (20 X objective).
Normal control rat (A); Diabetic control rat (B); D+Zn-1 (Dose-1 ) Zn supplemented diabetic rat (C) and D+Zn-2 (Dose-2) Zn supplemented diabetic rat (D).
Supplementary Fig.2. Expression profile of mRNA for Ca transporters- TRPV-5 in (A) Intestine and (B) Renal tissue of diabetic rats. Values are mean ± SEM of 8 animals in each group. Relative gene expressions were normalized to β-actin level and expressed in arbitrary units as fold change compared with normal control. a: Significantly different from normal control group (p<0.05), b: Significantly different from diabetic control group (p<0.05). N: Normal control; D: Diabetic control; Zn-1: Zinc supplemented at dose 1; Zn-2: Zinc supplemented at dose 2.