Author's response to reviews

Title: Proteome analysis of human gastric cardia adenocarcinoma by laser capture microdissection

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Version: 3 Date: 27 September 2007

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Reviewer: Chengchao Shou

I have checked the article carefully, and corrected the grammatical and spelling errors. I have tried my best to improve the quality of Figure 5, and now it is much better than before.

I list the changes as follows:

**the results of Abstract**

In addition, (expression→expressions) of HSP27, 60, and Prx-2 in GCA specimens were further confirmed by immunohistochemical and western blot analysis.

**the first paragraph of Background**

distal gastric adenocarcinoma (HGc→DGA)

**3.3 Protein identification**

protease related (Cathepsin D heavy chain, PCNC1→PACSIN1)

**3.4 Immunohistochemical and Western blot analysis for HSP 27, 60, and Prx-2 in GCA**

**Fig. 4 →(Fig. 4A-D)**

Fig. 4 →(Fig. 4E, F).

**2.8 Immunohistochemical and Western blot analysis**

β-acting →β-actin

**Conclusions**

Twenty-seven proteins→Twenty-three proteins
Figure 4. Immunohistochemical analysis for HSP27, 60 and Prx-2 in human normal gastric cardia and GCA. Expressions of HSP27 (A), 60(C) and Prx-2(E) were in the cytoplasm of tumor cells; Expressions of HSP27 (B), 60(D) and Prx-2 (F) were found in cytoplasm of normal columnar epithelial cells; Magnifications: A-F ×40, counterstained with hematoxylin.

Figure 5. Western blot analysis for validating the increased expression of HSP27, 60, and decreased expression of Prx-2 in GCA tissues. GAPDH and β-actin were used as a reference.