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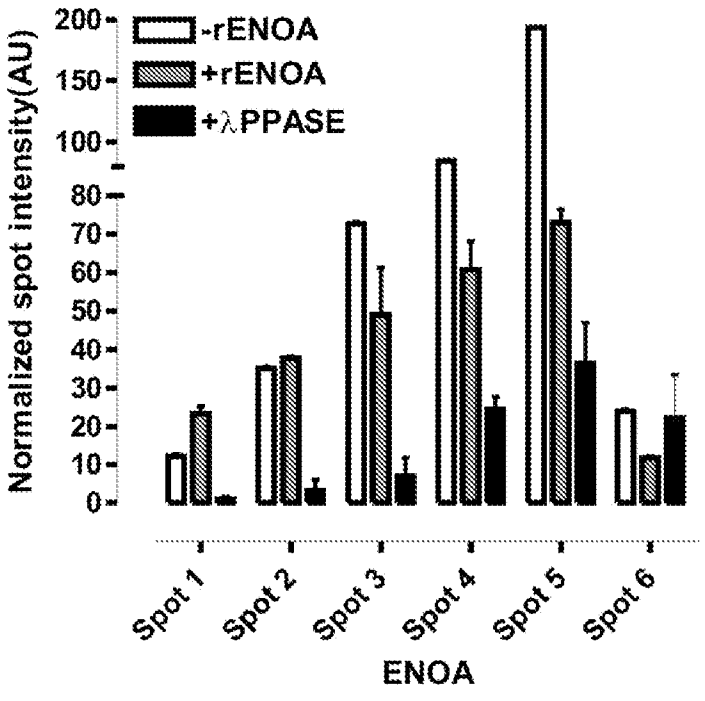
(54) **Title:** NOVEL ANTIGENS AND ANTIBODIES ASSOCIATED TO PANCREATIC DUCTAL ADENOCARCINOMA




(57) **Abstract:** The present invention provides novel human protein antigens and related antibodies that have been identified as being specifically expressed in association to human Pancreatic Ductal Adenocarcinoma (PDA). In particular, novel phosphorylated isoforms of alpha-enolase have been identified in transformed cell lines of pancreat ic origin and antibodies binding such isoforms are specifically present in the sera of PDA patients. These proteins and antibodies can be useful for the diagnosis and the treatment of PDA and other cancers having common molecular features.

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