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Sporadic Early-onset Diffuse Gastric Cancers Have High Frequency of Somatic *CDH1* Alterations but Low Frequency of Somatic *RHOA* Mutations Compared with Late-onset Cancers

Soo Young Cho, Jun Won Park, Yang Liu, Young Soo Park, Ju Hee Kim, Hanna Yang, Hyejin Um, Woo Ri Ko, Byung II Lee, Sun Young Kwon, Seung Wan Ryu, Chae Hwa Kwon, Do Youn Park, Jae-Hyuk Lee, Sang II Lee, Kyu Sang Song, Hoon Hur, Sang-Uk Han, Heekyung Chang, Su-Jin Kim, Byung-Sik Kim, Jeong-Hwan Yook, Moon-Won Yoo, Beom-Su Kim, In-Seob Lee, Myeong-Cherl Kook, Nina Thiessen, An He, Chip Stewart, Andrew Dunford, Jaegil Kim, Juliann Shih, Gordon Saksena, Andrew D. Cherniack, Steven Schumacher, Amaro-Taylor Weiner, Mara Rosenberg, Gad Getz, Eun Gyeong Yang, Min Hee Ryu, Adam J. Bass, Hark Kyun Kim

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#### ACCEPTED MANUSCRIPT

# Sporadic Early-onset Diffuse Gastric Cancers Have High Frequency of Somatic CDH1 Alterations but Low Frequency of Somatic RHOA Mutations Compared with Late-onset Cancers

Short title: Somatic genomic alterations in early-onset gastric cancer

#### **Authors:**

Soo Young Cho\*1, Jun Won Park\*1, Yang Liu\*3, Young Soo Park4, Ju Hee Kim1, Hanna Yang1, Hyejin Um1, Woo Ri Ko1, Byung II Lee1, Sun Young Kwon5, Seung Wan Ryu6, Chae Hwa Kwon7, Do Youn Park7, Jae-Hyuk Lee8, Sang II Lee9, Kyu Sang Song10, Hoon Hur11, Sang-Uk Han11, Heekyung Chang12, Su-Jin Kim13, Byung-Sik Kim14, Jeong-Hwan Yook14, Moon-Won Yoo14, Beom-Su Kim14, In-Seob Lee14, Myeong-Cherl Kook1, Nina Thiessen15, An He15, Chip Stewart3, Andrew Dunford3, Jaegil Kim3, Juliann Shih3,16, Gordon Saksena3, Andrew D. Cherniack3,16, Steven Schumacher3, Amaro-Taylor Weiner3, Mara Rosenberg3, Gad Getz3, Eun Gyeong Yang17, Min Hee Ryu18, Adam J. Bass3,161, Hark Kyun Kim1,191

<sup>¶</sup>Corresponding authors

<sup>\*</sup>These authors equally contributed to this work

<sup>&</sup>lt;sup>1</sup>National Cancer Center, Goyang, Gyeonggi, 10408, Republic of Korea

<sup>&</sup>lt;sup>3</sup>Cancer Program, The Broad Institute of MIT and Harvard, Cambridge, MA 02142

<sup>&</sup>lt;sup>4</sup>Department of Pathology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Republic of Korea

<sup>&</sup>lt;sup>5</sup>Department of Pathology, Keimyung University School of Medicine, Daegu, 41931 Republic of Korea

<sup>&</sup>lt;sup>6</sup>Department of Surgery, Keimyung University School of Medicine, Daegu, 41931 Republic of Korea

<sup>&</sup>lt;sup>7</sup>Department of Pathology and BioMedical Research Institute, Pusan National University Hospital and Pusan National University School of Medicine, Busan 602-739, Republic of Korea

<sup>&</sup>lt;sup>8</sup>Department of Pathology, Chonnam National University Medical School, Gwangju, 501-746, Republic of Korea

<sup>&</sup>lt;sup>9</sup>Dept of Surgery, School of Medicine, Chungnam National University, Daejeon, 301-747 Republic of Korea

<sup>&</sup>lt;sup>10</sup>Dept of Pathology, School of Medicine, Chungnam National University, Daejeon, 301-747 Republic of Korea

<sup>&</sup>lt;sup>11</sup>Department of Surgery, Ajou University School of Medicine, Suwon, 443-380 Republic of Korea

<sup>&</sup>lt;sup>12</sup>Department of Pathology, Kosin University College of Medicine, Busan, 49267 Republic of Korea

<sup>&</sup>lt;sup>13</sup>Department of Pathology, Dong-A University College of Medicine, Busan, 602-812, Republic of Korea

<sup>&</sup>lt;sup>14</sup>Department of Surgery, Asan Medical Center, University of Ulsan College of Medicine, Seoul 138-736, Republic of Korea

<sup>&</sup>lt;sup>15</sup>British Columbia Cancer Agency, Vancouver, BC, V5Z 1L3, Canada

<sup>&</sup>lt;sup>16</sup>Department of Medical Oncology, Dana-Farber Cancer Institute, Boston, MA 02215

<sup>&</sup>lt;sup>17</sup>Korea Institute of Science and Technology, Seoul, 02792, Republic of Korea

<sup>&</sup>lt;sup>18</sup>Department of Oncology, Asan Medical Center, University of Ulsan College of Medicine, Seoul 138-736, Republic of Korea

<sup>&</sup>lt;sup>19</sup>National Cancer Center Graduate School of Cancer Science and Policy, Goyang, Gyeonggi, 10408, Republic of Korea

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