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Cover Letter

Dear Editor,

About 17 years ago, I belonged to Professor Kenichi Matsubara's Laboratory as a graduate student. Professor Matsubara was the president of Human Genome Project in Japan at that time. We competed with Dr. Craig Venter's Laboratory. Since at that time, I have been having the question which Human Genome is really a blueprint. Watson-Click's double helix is very beautiful. Then I think that we life-scientists might have been imprinted that Human Genome must be a blueprint because of the beauty of DNA double helix. I have been having the hypothetical proposition which Human Genome is really a blueprint? If Human Genome is not a blueprint, where is an alternative means? This paper is my solution. If Human Genome is a blueprint, Human Genome must fulfill the conditions as a blueprint. However, 8 examples which are major biological pathways or factors among house-keeping genes, do not fulfill any conditions as a blueprint. In the first place, a blueprint must have regularity, periodism, harmony or beauty which a blueprint itself has. I indicate only 8 examples but these 8 examples must not be exceptions. Because the

blueprint must not permit 8 exceptions. Therefore Human Genome which does not have regularity, periodism, harmony or beauty which a blueprint itself has, is not the blueprint. In that case, how human body is constructed without the blueprint? In the case of a unicellular organism, its genome may be a blueprint. But after emergence of multicellular organisms, they began fertilization. And after fertilization, a fertilized egg begins to body-planning. Then I have been having the second hypothetical proposition that human oocytes may have the secret of Life. After fertilization, a fertilized egg develops and differentiates. However, this second hypothetical proposition had not been solved for a long time. But in 2006, an expression profile of human oocytes was opened to the public. I scrutinized that data profoundly. In that data there exist a lot of genes related to development, differentiation and body-planning. This data is only one series of evidence, but this must not be ignored. In this paper, which my trial to prove my hypothetical propositions is successful is entrusted to the editors. But I convinced my hypothetical propositions and from now on, data which support my hypothetical propositions will be piled up.

Best regards,