

Article

Characteristics and Outcomes in Primary Aldosteronism Patients Harboring Glucocorticoid-Remediable Aldosteronism

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Long-range PCR- CYP11B1&B2 (patients' blood genomic DNA)

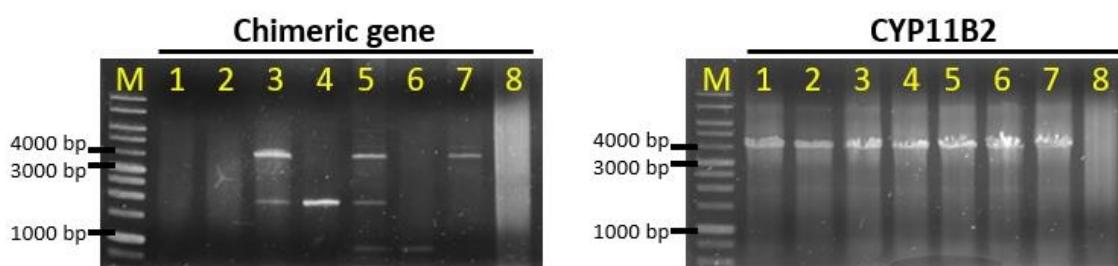


Figure S1. Long-range PCR of CYP11B1/CYP11B2 chimeric gene. Long-range PCR was conducted to analyze CYP11B1/CYP11B2 chimeric gene in the blood genomic DNA of the patients. The expected size of the chimeric CYP11B1/CYP11B2 chimeric gene is 3.9-kb[1]. Using primer set for CYP11B2 with the same long-range PCR reaction produced a 4.0-kb control, CYP11B2 bands. The chimeric gene, lanes 3, 5, and 7 represent the 3.9-kb chimeric bands in GRA-positive individuals on the left panel. The right panel, CYP11B2 gene, lane 1-7, represents the uncropped gel electrophoresis image of the control CYP11B2 product. .

Primer sets of CYP11B2 gene and the chimeric CYP11B1/CYP11B2 gene as our report was, CYP11B2: Forward sequence: 5'CAGGTCCAGAGGCCAGTTCTCCCAT/Reverse sequence: 5'ACCCTCCTTCTCCTGTACACCCA; CYP11B1/CYP11B2: Forward sequence: 5'CAGTTCTCCCATGACGTGATCCCT /Reverse sequence: 5'ACCCTCCTTCTCCTGTACACCCA.

Reference:

- Lin, Y.F.; Peng, K.Y.; Chang, C.H.; Hu, Y.H.; Wu, V.C.; Chueh, J.S.; Wu, K.D. Adrenalectomy Completely Cured Hypertension in Patients With Familial Hyperaldosteronism Type I Who Had Somatic KCNJ5 Mutation. *J Clin Endocrinol Metab* **2019**, *104*, 5462-5466, doi:10.1210/jc.2019-00689.