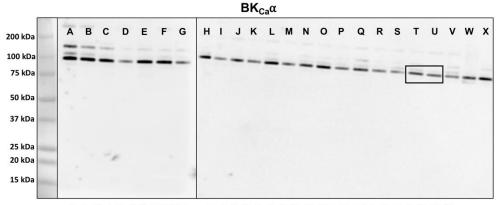
Western Blot PDF for Review

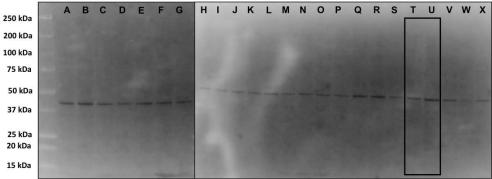
INVOLVEMENT OF VOLTAGE-GATED K_V7 CHANNELS IN EFFECT OF PIRFENIDONE ON ENDOTHELIUM-DEPENDENT VASODILATATION IN TYPE-2 DIABETIC (db/db) MICE

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A, D, G, J, M, P, S, V. Wild-type; B, E, H, K, N, Q, T, W. Db/db+; C, F, I, L, O, R, U, X. Db/db.

Total protein from $BK_{\text{Ca}}\alpha$



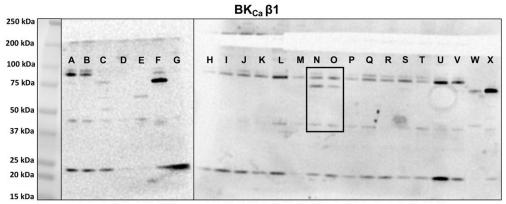
Pan-actin from $BK_{Ca}\alpha$



A, D, G, J, M, P, S, V. Wild-type; B, E, H, K, N, Q, T, W. Db/db+; C, F, I, L, O, R, U, X. Db/db.

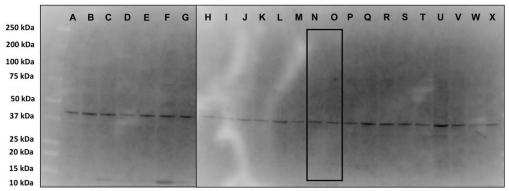
Used in Figure 7 and Supplementary Figure S3

Supplementary Figure S5. Full immunoblot shown for the BKCa\alpha subunit in mouse aorta from db/db+ and db/db mice.

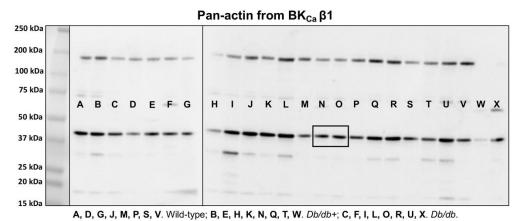


A, D, G, J, M, P, S, V. Wild-type; B, E, H, K, N, Q, T, W. *Db/db+*; C, F, I, L, O, R, U, X. *Db/db*.



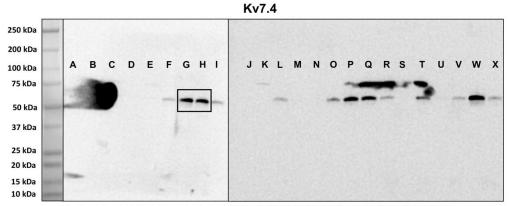


A, D, G, J, M, P, S, V. Wild-type; B, E, H, K, N, Q, T, W. Db/db+; C, F, I, L, O, R, U, X. Db/db.



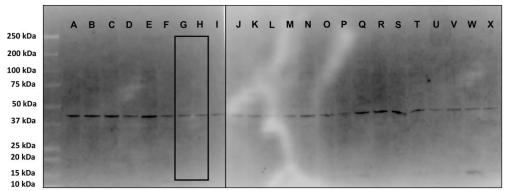
Used in Figure 7 and Supplementary Figure S3

Supplementary Figure S6. Full immunoblot shown for the BKCa β 1 subunit in mouse aorta from db/db+ and db/db mice.



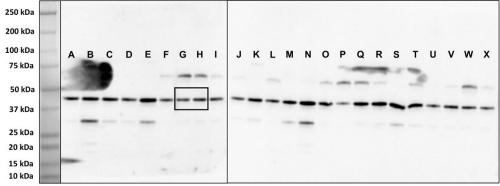
 $\textbf{A, D, G, J, M, P, S, V}.\ \textit{Db/db+; B, E, H, K, N, Q, T, W}.\ \textit{Db/db}; \textbf{C, F, I, L, O, R, U, X}.\ \textit{Wild-type}.$

Total protein from Kv7.4



A, D, G, J, M, P, S, V. *Db/db*+; B, E, H, K, N, Q, T, W. *Db/db*; C, F, I, L, O, R, U, X. Wild-type.

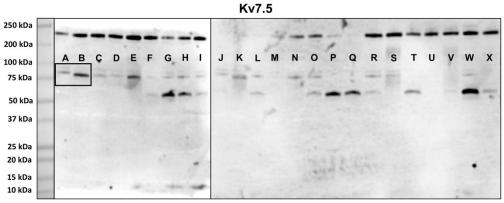
Pan-actin from Kv7.4



A, D, G, J, M, P, S, V. *Db/db*+; B, E, H, K, N, Q, T, W. *Db/db*; C, F, I, L, O, R, U, X. Wild-type.

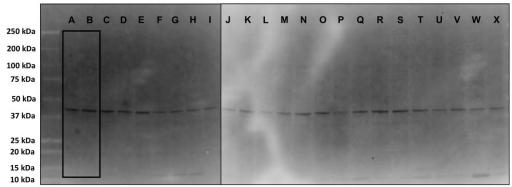
Used in Figure 7 and Supplementary Figure S3

Supplementary Figure S7. Full immunoblot shown for Kv7.4 channel in mouse a rta from db/db+ and db/db mice.



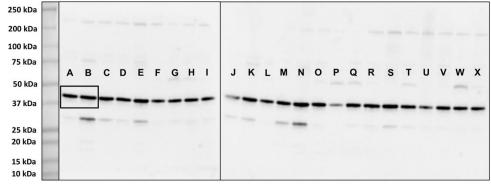
A, D, G, J, M, P, S, V. *Db/db*+; B, E, H, K, N, Q, T, W. *Db/db*; C, F, I, L, O, R, U, X. Wild-type.



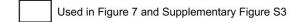


A, D, G, J, M, P, S, V. *Db/db*+; B, E, H, K, N, Q, T, W. *Db/db*; C, F, I, L, O, R, U, X. Wild-type.

Pan-actin from Kv7.5



 $\textbf{A, D, G, J, M, P, S, V}.\ \textit{Db/db+; B, E, H, K, N, Q, T, W}.\ \textit{Db/db; C, F, I, L, O, R, U, X}.\ \textit{Wild-type}.$



Supplementary Figure S8. Full immunoblot shown for $K_V7.5$ channel in mouse acrta from db/db+ and db/db mice.