

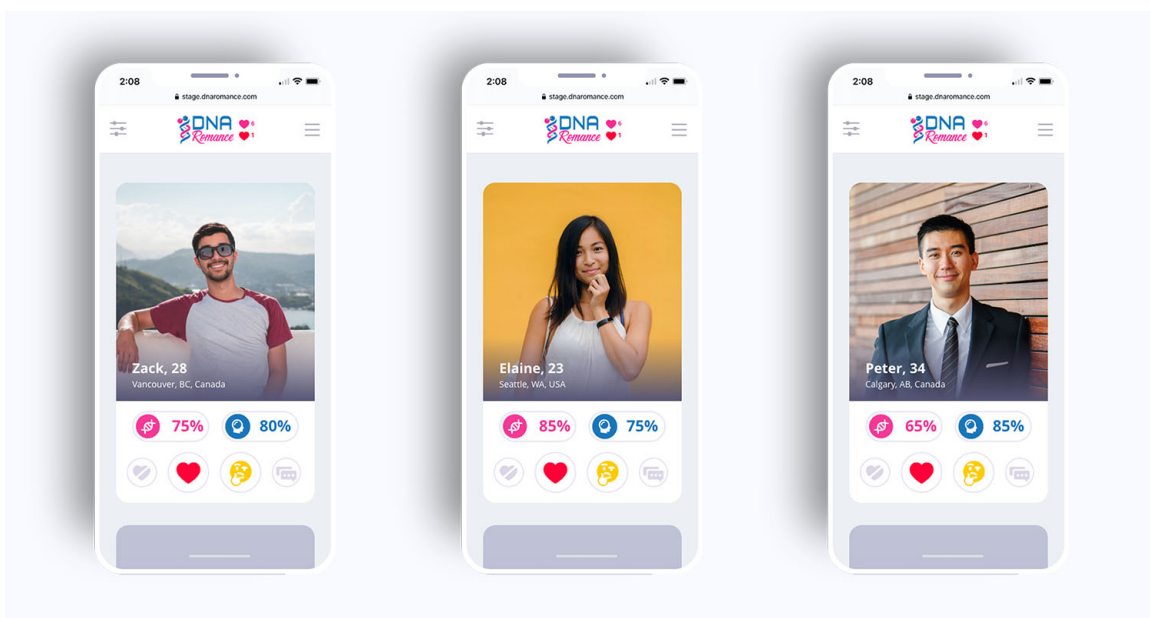


## Product Note: Personality Compatibility Alignment (PCA)

DNA Romance uses multidimensional measurement to provide accurate and tailored matchmaking. We understand that personality plays a crucial role in human relationships, and we establish an algorithm in regards to Personality Compatibility Alignment (PCA). Our personality compatibility rating is based on the Myers-Briggs 16 personality types; this test has a long history with the development of the first 3 components dating back almost 100 years to Dr. Carl Jung. Today, the 4 letters and 16 personality type groups are widely known to the majority of people. DNA Romance's personality compatibility algorithm called PCA puts maximum weight on similar personality types and less weight towards personality types that tend to clash.

Users will conduct a quick personality test when registering, and the result will be added to the user profile. The PCA algorithm generates personality compatibility ratings between users. For new users who are still waiting for the DNA testing result, the system will start to recommend potential matches based on the PCA result. Once a DNA file is uploaded, the user will see two different matching percentages for DNA and personality compatibility (**figure 1**). Users can decide to search matches based on either of both of these two compatibility ratings along with other filters.

It is an objective, visualized and simple initial search for new users to find qualified matches based on the DNA/PCA compatibilities, and then begin to further consider other factors like interests, occupations and other elements key for relationship success.



**Figure 1.** DNA Romance algorithms DRom 1.0 (pink) & PCA (blue)